



County Palatine of Chester

REPORT

for the Year

1943

BY THE

County Medical Officer of Health

Presented to the
Public Health and Housing Committee
OF THE COUNTY COUNCIL

12th October, 1944.

Chester :
Phillipson and Golder Ltd., Printers, Frodsham Street.

REPORT
OF THE
County Medical Officer of Health

For the Year ending December 31st, 1943.

*To the Public Health and Housing Committee of the
County Council of the County Palatine of Chester
and to the Members of the County Council.*

INDEX

	PAGE
Ante-Natal Clinics ...	55
Ambulances ...	33
Area and Population ...	27
Artificial Sunlight ...	46, 57
Births ...	28
Blind, Welfare of the ...	67
Cancer ...	101
Centres, Welfare ...	56
Census, 1931 ...	27
Clatterbridge (County) Hospital ...	70
Deaths ...	23
Dental Treatment ...	55
Food and Drugs Acts ...	61
Health Visitors ...	8
Illegitimate Children ...	53
Infant Life Protection ...	55
Infantile Mortality ...	29
Infectious Diseases ...	30
Isolation Hospitals ...	31
Laboratory, County ...	42
Mary Dendy Homes ...	92
Maternity and Child Welfare ...	47
Maternity Hospitals ...	54
Maternal Mortality ..	54
Mental Deficiency ...	64
Midwives ...	12, 47
Milk (Special Designations) Order, 1936 ...	59
Ministry of Health Enquiries ...	102
Nursing Homes ...	48
Ophthalmia Neonatorum ...	53
Orthopaedic Scheme...	46, 57
Poor Law Medical Officers ...	14
Population ...	27
Public Assistance Institutions...	100
Puerperal Fever and Pyrexia ...	48
Sewerage and Sewage Disposal ...	102
Statistics, Tables of ...	104
Still-births ...	52
Staff of Public Health Department ...	4
Tuberculosis ...	36
Vaccination Officers ...	21
Vaccinators, Public ...	14
Venereal Diseases ...	35
Water Supply ...	102
West Park (County) Hospital, Macclesfield ...	86
Wrenbury Hall ...	100
Zymotic Deaths ...	28

INTRODUCTION

*To the Chairman and Members of the Public Health
Committee of the Cheshire County Council.*

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present to you my report on the health and sanitary circumstances of the County for the year 1943.

As before, the more complex statistics have been eliminated and any figures which would make apparent the population of individual County Districts have been suppressed. Information of special Public Health or Medical interest due to the war will be found, e.g., on pages 54 and 63.

The maternal mortality for 1943 was 2.46 per thousand births live and still, a new low record for the County; the stillbirths rate—31.0 per thousand births live and still—was also much lower than previously recorded. The infantile mortality was 46.8 per thousand live births which, though not as low as the 1942 record, was less than any previous year, and appreciably less than the rate for the country as a whole. The tuberculosis death rate, too, though slightly higher than the exceptionally low figure for 1942, was lower than any previous year, namely 46.8 per thousand population.

In September treatment began at the first venereal diseases clinic controlled by the County Council, namely at West Park, Macclesfield (for further details, see pp. 35 and 87; a second such clinic had been started at Crewe shortly before publication of this Report. The same month also saw the beginning of the Scheme, in accordance with Ministry of Health Circular 266/T, for financial assistance by the Public Health Committee to sufferers from pulmonary tuberculosis (see p. 41), the success of which has been illustrated by the letters received from those helped in this way.

Advice and treatment has continued to be given by the health visitors, at the welfare centres and otherwise, in respect of infestation by head-lice, and as regards cleanliness and clean habits generally; particularly good results have been achieved in the treatment of scabies.

By the end of the year, 9 war-time nurseries were working, namely at Northwich, Runcorn, Sale, Bollington, Dukinfield, Hazel Grove, Cheadle, Congleton and Bredbury.

The work of Clatterbridge and West Park County General Hospitals, of the Mary Dendy Homes and Special School, and of Wrenbury Hall Training Colony, continued satisfactorily, and is reported fully in Section XI.

Your obedient servant,

IAN MACKAY,
County Medical Officer.

1st September, 1944.

Staff of the Public Health Department

County Medical Officer of Health and Chief School Medical Officer.	... Ian Campbell Mackay, M.B., Ch.B., D.P.H.
Deputy County Medical Officer of Health	... Arnold Brown, M.B., Ch.B., D.P.H.
Lady Assistant Medical Officer	... Jean R. Shaw, M.B., Ch.B., D.P.H.
District Tuberculosis Officers	... A. Fleming, M.B., Ch.B., D.P.H. J. F. Cotter, L.R.C.P.I., L.R.C.S.I. E. Smith, M.D., D.P.H. D. W. Tough, M.B., Ch.B., D.P.H.
Assistant School Medical Officers	... Robert J. Clarke, M.B., Ch.B., D.P.H. Jennie Craig, M.B., Ch.B., D.P.H. W. J. McIvor, M.B., Ch.B., D.P.H. Mary A. Thomas, M.B., Ch.B., D.P.H. Gladys Wilkinson, M.R.C.S., L.R.C.P.
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School Dental Surgeons	... H. R. Parry, L.D.S. (Senior) John J. Crowley, B.D.S. (temporary) J. L. Dickson, L.D.S. (with H.M. Forces) J. M. Gibbons, L.D.S. (with H.M. Forces) Dorothy D. Hamilton, L.D.S. (temporary) A. F. Hely, L.D.S. (with H.M. Forces) L. H. Hilton, L.D.S. (with H.M. Forces) H. Jackson, L.D.S. (with H.M. Forces) W. K. Lever, L.D.S. (temporary) H. Lipkin, L.D.S. (temporary) E. S. Poulter, L.D.S. Dorothy J. Reece, L.D.S. (temporary) H. Schweitzer, Dr. Med. Dent. (temporary) H. W. S. Sheasby, L.D.S. (with H.M. Forces) A. E. Sherratt, L.D.S., R.C.S. (temporary) E. Johnson Taylor, L.D.S. Margt. A. McDonald, L.D.S. (temporary)
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- J. Gardiner Wigley, F.R.C.S., 40, King Street, Chester.
(Tel. Chester 938)
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LIVERPOOL

- Percy Malpas, F.R.C.S., 31, Rodney Street, Liverpool.
(Tel. Royal 4670)
Gateacre Hall, Liverpool. (Tel. Gateacre 1810)
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(Tel. Royal 8061)
The Flaxyard, Little Neston. (Tel. Neston 420)

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- W. R. Addis, F.C.O.G., 2, St. John Street, Manchester 3.
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CLATTERBRIDGE (COUNTY) GENERAL HOSPITAL

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Deputy Medical Superintendent

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Sister Tutor and Home Sister—Miss B. Dalglish, S.R.N.,
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Medical Officer

N. Patterson, M.B., Ch.B.

Matron

C. A. Barton, S.R.N.

HEALTH VISITORS (49)

For districts in italics, M & C.W. work is not done; for districts in small capitals, M. & C.W. and School Medical work is not done; for districts in italic capitals, School Medical work is not done.

	CIVIL PARISHES	CENTRES, CLINICS & DISPENSARIES
DISTRICT No. 1. Elizabeth Owen, 8, Market Street, Hoylake	Frankby Grange Hoylake-cum-West Kirby	Welfare Centre, 8, Market Street, Hoylake <i>Thurs. p.m.</i> (Tel. Hoylake 2322) School Clinic, 8, Market Street, Hoylake <i>Mon.—Fri. a.m.</i> (Tel. Hoylake 2322)
DISTRICT No. 2a C. Turcan, 4, Alpha Drive, Rock Ferry, Birkenhead (Tel. Rock Ferry 1179)	<i>Bebington-cum-Bromborough</i> <i>Brinstage</i> Capenhurst <i>Eastham</i> Ledsham <i>Poulton-cum-Spital</i>	Puddington <i>Raby</i> Shotwick <i>Storeton</i> <i>Thornton Hough</i> Woodbank School Clinic, St. Mark's Parish Room, New Ferry <i>Mon., Wed., Thurs., Fri. p.m.</i> Tub. Disp., 42, Hamilton Square, Birkenhead <i>Tues. & Fri. p.m.</i> (Tel. Birkenhead 3080)
DISTRICT No. 2b K. E. Carr, 292, Menlove Avenue, Woolton, Liverpool (Tel. Liv. Gateacre 2387)	Burton Gayton Heswall Ness	Neston-cum-Parkgate Willaston Welfare Centre, Wesleyan Sunday School, Heswall <i>Alt. Mon. p.m.</i> Welfare Centre, Wesleyan Sunday School, Neston <i>Thurs. p.m.</i> School Clinic, Wesleyan Sunday School, Neston <i>Wed. p.m.</i> School Clinic, Wesleyan Sunday School, Heswall <i>Tues. p.m.</i>
DISTRICT No. 2c E. G. Osborne, 21, Belmont Drive, Barnston	Barnston Caldy Frankby Greasby	Irby Pensby Thurstaston Welfare Centre, Village Hall, Irby <i>Alt. Mon. p.m.</i> Welfare Centre, Methodist Church Hall, Greasby <i>Alt. Tues. p.m.</i>
DISTRICT No. 3a A. Breakwell, 17, Lincoln Drive, Hoole	<i>Childer Thornton</i> <i>Ellesmere Port</i> Elton <i>Gt. Stanney</i> <i>Gt. Sutton</i> <i>Hooton</i>	<i>Ince</i> Little Stanney <i>Little Sutton</i> Stoke Thornton-le-Moors School Clinic, York Road, Ellesmere Port <i>Mon.—Fri. a.m. (v. No. 3b)</i> (Tel. E. Port 328)
DISTRICT No. 3b A. Smith, 69, Bouverie Street, Chester Tel. Chester 2716)	Aldford Buerton Chester Castle Churton Heath Claverton Dodleston Eaton Eccleston	Huntington Kinnerton Lea Newbold Marlston Poulton Pulford Rowton Saighton School Clinic, York Road, Ellesmere Port <i>Mon.—Fri. a.m. (v. No. 3a)</i> (Tel. E. Port 328)
DISTRICT No. 4a H. Marston, 43, Victoria Road, Chester (Tel. Chester 2986)	Barrow Christleton Great Boughton Guilden Sutton	Hoole U.D. Hoole Village Littleton Welfare Centre, 55, Hoole Road, Chester <i>Tues. p.m., 1st Thurs. p.m.</i> School Clinic, 55, Hoole Road, Chester <i>Mon.—Fri. a.m.</i> Ante-Natal Clinic, 55, Hoole Road, Chester <i>2nd Thurs p.m. (v. No. 6)</i>
DISTRICT No. 4b E. Greene, Greysfield, 50a, Liverpool Road, Chester (Tel. Chester 1439)	Bache Backford Bridge Trafford Caughall Chorlton-by-Backford Croughton Dunham-on-the-Hill Great Saughall Hapsford	Lea-by-Backford Little Saughall Mickle Trafford Mollington Moston Pieton Shotwick Park Upton Wervin Wimbolds Trafford Welfare Centre, Village Hall, Upton <i>1st & 3rd Thurs. p.m.</i>
DISTRICT No. 5 G. Wells, 75b, Dee Banks, Chester (Tel. Chester 1936)	Ashton Beeston Bruen Stapleford Burton-by-Tarvin Clotton Hoofield Cotton Abbots Cotton Edmunds Delamere Duddon Eaton Foulk Stapleford Hatton Hockenhull	Horton-cum-Peel Huxley Iddinshall Kelsall Mouldsworth Pryor's Heys Tarporeley Tarvin Tilstone Fearnall Tiverton Utkinton Waverton Willington Welfare Centre, Reading Room, Utkinton <i>Alt. Thurs. p.m.</i> Welfare Centre, Parish Hall, Tarporeley <i>Alt. Thurs. p.m.</i> Welfare Centre, Jubilee Hall, Malpas <i>Alt. Mon. p.m. (v. No. 6)</i>

CIVIL PARISHES

CENTRES, CLINICS & DISPENSARIES

DISTRICT No. 6 D. Toft, The Oaks Lodge, Upton, Chesier (Tel. Chester 2422) Agden Aldersey Barton Bickerton Bickley Bradley Broxton Burwardsley Caldecott	Carden Chidlow Chorlton Chowley Church Shocklach Churton-by-Al'fd Ch'rtton-by-F'don Clutton Coddington Crewe Cuddington Duckington Edge Edgerley Egerton Farndon	Golborne Bellow Golborne David Grafton Hampton Handley Harthill Horton Kings Marsh Larkton Macefen Malpas Newton-by- Malpas Newton-by- Tattenhall Oldcastle	Welfare Centre, Jubilee Hall, Malpas <i>Alt. Mon. p.m. (v. No. 5)</i> School Clinic, Jubilee Hall, Malpas <i>Thurs. p.m.</i> Tub. Disp., 2, King's Buildings, Chester <i>Wed. a.m.</i> (Tel. Chester 2874) Ante-Natal Clinic, 55, Hoole Road, Chester <i>2nd Thurs. p.m. (v. No. 4)</i> School Clinic, School House, Tattenhall <i>Tues. p.m.</i> Overton Shocklach Oviatt Stockton Stretton Tattenhall Threapwood Tilston-by-Malpas Tushingham Wigland Wychough
DISTRICT No. 7a H. K. Coventry, 7, Victoria Road, Runcorn E. Riley, 17, Cornwall Avenue, Runcorn A. A. Briers, 8, Daisy Mount, Maghull, Liverpool	Runcorn U.D. (Mersey and Halton Wards) Runcorn U.D. (Weston and Heath Wards) Runcorn U.D. (Bridgewater, Central and Newtown Wards)		Welfare Centre, 29, High Street, Runcorn <i>Wed. a.m. and p.m.</i> (Tel. Runcorn 2449) School Clinic, 29, High Street, Runcorn <i>Tues. a.m.</i> (Tel. Runcorn 2449) <i>Mon., Thurs., Fri. p.m.</i> Ante-Natal Clinic, 29, High Street, Runcorn <i>Thurs. a.m.</i> (Tel. Runcorn 2449)
DISTRICT No. 7b S. E. Robinson, Windover, Halton Brook, Runcorn	Aston Daresbury Dutton Halton	Hatton Moore Norton Preston Brook	<i>See District No. 7a</i> Sutton Walton Whitley
DISTRICT No. 8. B. Bird, The Bungalow, Chester Road, Sutton Weaver, Warrington	Alvanley Frodsham Helsby	Kingsley Manley Norley	School Clinic, Trinity Church House, <i>Fri. p.m.</i> Frodsham Tuberculosis Disp., Mem. Hosp., Runcorn <i>Thurs. a.m. and p.m.</i> (Tel. Runcorn 2046) Welfare Centre, Trinity Church House, <i>Alt. Tues. p.m.</i> Frodsham
DISTRICT No. 9 W. Kidd, Parkfield, Middlewich Road, Northwich (Tel. Northwich 2186)	Acton Anderton Barnton Comberbach Crowton	Great Budworth Little Leigh Marbury Marston Weaverham	Welfare Centre, Parish Hall, Weaverham <i>Alt. Tues. p.m.</i> Welfare Centre, Parkfield, Middlewich Road, <i>Thurs. p.m.</i> Northwich School Clinic, C.E. School, Barnton <i>Wed. a.m. and p.m.</i> School Clinic, Council School, Weaverham <i>Tues. and Fri. a.m.</i>
DISTRICT No. 10 E. Middlehurst, Parkfield, Middlewich Road, Northwich (Tel. Northwich 2186)	Allstock Aston-by-Bud'th Bexton Goostrey Knutsford U.D. Lostock Gralam Mere Nether Peover	Ollerton Peover Inferior Peover Superior Pickmere Plumley Tabley Inferior Tabley Superior Toft	School Clinic, Mission Hall, Adams Hill, <i>Wed. p.m.</i> Knutsford Tub. Disp., Physio-Therapy Clinic Northwich <i>Tues. pm.</i> (Tel. Northwich 332) Welfare Centre, Parkfield, Middlewich Road, <i>Thurs. p.m.</i> Northwich Twemlow Wincham
DISTRICT No. 11 G. J. Dawson, 201, Hartford Road, (Tel. Northwich 2540) Davenham L. Scully, 201, Hartford Road, Davenham	Northwich U.D. (Witton and Northwich Wards) Northwich U.D. (Castle and Winnington Wards)		Welfare Centre, Darland House, Northwich <i>Tues. p.m.</i> School Clinic, Darland House, Northwich <i>Tues. and Fri. a.m.</i>
DISTRICT No. 12 M. Edwards, Parkfield, Middlewich Road, Northwich	Cuddington Davenham Hartford Lach Dennis Little Budworth	Marton Moulton Oakmere Rudheath Whatcroft	School Clinic, Parkfield, Middlewich Road, <i>Thurs. a.m.</i> Northwich <i>Mon., Wed., Fri. p.m.</i> Welfare Centre, Parkfield, Middlewich Road, <i>Thurs. p.m.</i> Northwich
DISTRICT No. 13 G. W. Johnson, Highfield, Swanlow Lane Winsford	Winsford U.D.	Darnhall	Welfare Centre, 98, Weaver Street, Winsford <i>Fri. p.m.</i> (Tel. Winsford 2387) School Clinic, 98, Weaver Street, Winsford <i>Mon. and Wed. p.m., Fri. a.m.</i>
DISTRICT No. 14 M. E. Fox The Priory, Middlewich (Tel. Middlewich 165)	Middlewich U.D. Bostock Byley Church Hulme Crnage	Moulton Sproston Stanthorne Wimboldsley	Welfare Centre, The Priory, Middlewich <i>Mon. p.m.</i> (Tel. Middlewich 165) School Clinic, The Priory, Middlewich <i>Mon. a.m., Wed. and Fri. p.m.</i> (Tel. Middlewich 165)

	CIVIL PARISHES		CENTRES, CLINICS & DISPENSARIES	
DISTRICT No. 15 D. Thompson, The Dowery, Barker Street, Nantwich	Nantwich U.D. Aston Cholmondeston Church Minshall Henhull	Leighton Minshall Vernon Poole Wettenhall Woolstanwood	Welfare Centre, The Dowery, Nantwich <i>Thurs. p.m.</i> (Tel. Nantwich 5360) School Clinic, The Dowery, Nantwich <i>Mon.—Fri. a.m.</i> (Tel. Nantwich 5360) Worleston	
DISTRICT No. 16a A. Merry, Willan Cottage, Crewe Road, Nantwich (Tel. Nantwich 5162)	Acton Alraham Austerson Baddiley Baddington Batherton Brindley	Broomhall Bulkeley Bunbury Burland Calveley Cholmondeley Chorley	Coole Pilate Edleston Faddiley Haughton Hurleston Marbury Norbury	Peckforton Ridley Sound Spurstow Stapeley Stoke Wardle Willaston Wirswall Woodcott Wrenbury
DISTRICT No. 16b E. Hayes, Brook House, Green Lane, Audlem, Crewe	Audlem Basford Blakenhall Bridgemere Buerton Checkley c. W.	Chorlton Dodcott, c. W. Doddington Hankelow Hatherton Hough	Welfare Centre, Church Hall, Audlem <i>1st and 3rd Tues. p.m.</i> Hunsterston Lea Newhall Rope	Shavington Walgherton Weston Wybunbury
DISTRICT No. 17a R. Walch, Clifford House, Park Road, Willaston	Alsager U.D. Barthomley Church Lawton	Crewe (Rural) Haslington Odd Rode	Welfare Centre, St. Mary's Sunday School, <i>Alt. Tues. p.m.</i> Alsager Welfare Centre, Yoxall Institute, Haslington <i>Alt. Tues. p.m.</i> Welfare Centre, Parish Hall, Odd Rode <i>2nd and 4th Tues. a.m.</i>	
DISTRICT No. 17b M. James, Sunfields, Sandylands, Wistaston, Crewe	CREWE M.B. Warrington	Wistaston	Tuberculosis Dispensary, Memorial Hospital, <i>Mon. a.m. and p.m.</i> Crewe <i>Thurs. a.m.</i> (Tel. Crewe 2525)	
DISTRICT No. 18 E. S. Taylor, 76, Liverpool Road, Sankey, Warrington (Tel. Penketh 175)	Antrobus Appleton Grappenhall	Stockton Heath Stretton	Welfare Centre, Methodist Sunday School, <i>Alt. Mon. p.m.</i> Grappenhall Welfare Centre, Parish Hall, Stockton Heath <i>Alt. Mon. p.m.</i> (Tel. S.H. 138)	
DISTRICT No. 19 M. H. Jones, 29, Eagle Brow, Lymm (Tel. Lymm 277)	Lymm U.D. Carrington High Legh	Partington Warburton	Welfare Centre, 29, Eagle Brow, Lymm <i>Tue. p.m.</i> (Tel. Lymm 277) Welfare Centre, St. Mary's Institute, <i>Alt. Thurs. p.m.</i> Partington School Clinic, 29, Eagle Brow, Lymm <i>Mon.—Fri. a.m.</i> (Tel. Lymm 277)	
DISTRICT No. 20 M. Ross, 70, Chapel Road, Sale H. Wingfield, 70, Chapel Road, Sale W. Heron, 53, Hawthorn Road, Manchester 21	Sale M.B. (St. Martin's, St. Mary's, and Mersey Wards) Sale M.B. (Central, East & North Wards) Sale M.B. (South and West Wards)		Welfare Centre, 70, Chapel Road, Sale <i>Tues. and Thurs. p.m., 2nd Wed. p.m.</i> School Clinic, 70, Chapel Road, Sale <i>Mon.—Fri. a.m.</i> (Tel. Sale 1329) Ante & Post Natal Clinic, 70, Chapel Road, <i>1st, 3rd and 4th Wed. p.m.</i> Sale Artificial Sunlight Clinic, 70, Chapel Rd., Sale <i>Tues. and Fri. p.m.</i> (suspended)	
DISTRICT No. 21a E. Edwards, 34 Avon Road, Hale, Altrincham	Bowdon U.D. Hale U.D. Ashley	Ringway Rostherne Tatton	Welfare Centre, Methodist Schoolroom, <i>Alt. Thurs. p.m.</i> Bowdon School Clinic, 1, Hawthorn Road, Hale <i>Mon., Wed., Fri. p.m.</i> Tuberculosis Dispensary, General Hospital, <i>Mon. 6 p.m., Wed., Fri. a.m.</i> Altrincham	
DISTRICT No. 21b L. E. H. Tripp, Sampford Brett, Altrincham (Tel. Altrincham 1884)	Altrincham M.B. Agden Bollington	Dunham Massey Millington	School Clinic, Mountlands, Altrincham <i>Mon., Tues., Fri. a.m.</i> School Clinic, Homestead, Timperley <i>Wed. a.m.</i> Tuberculosis Dispensary, General Hospital, <i>Fri. p.m.</i> (Tel. Alt. 2678) Altrincham	
DISTRICT No. 22a M. Bell, Alma House, Altrincham Road, Wilmslow (Tel. Wilmslow 2635)	Alderley Edge U.D. Chorley Great Warford Marshall	Mobberley Wilmslow U.D. (Hough, Dean Row, Fulshaw and Morley Wards)	Welfare Centre, Alma House, Wilmslow <i>Thurs. p.m.</i> (Tel. Wilmslow 2635) Welfare Centre, Hall Lane, Mobberley <i>Alt. Tues. p.m.</i> Welfare Institute, Church Institute, Alderley <i>Fri. p.m.</i> Edge School Clinic, Alma House, Wilmslow <i>Tues., Thurs., Sat. a.m.</i> (Tel. Wilmslow 2635)	
DISTRICT No. 22b D. M. Bowers, 1, Albany Road, Wilmslow	Wilmslow U.D. (Styal and Handforth Wards) Hazel Grove and Bramhall U.D. (Woodford and Bramhall Wards)		Welfare Centre, Wesl. Sun. School, Bramhall <i>Alt. Tues. p.m.</i> (Tel. Bramhall 452) Welfare Centre, Conserv. Women's Club, <i>2nd and 4th Mon. p.m.</i> Handfort	

	CIVIL PARISHES	CENTRES, CLINICS & DISPENSARIES
DISTRICT No. 23 M. Spencer, 2, Elm Drive Pownall Estate, Macclesfield	MACCLESFIELD M.B. Mottram-St.- Bosley Andrew Chelford North Rode Eaton Nether Alderley Gawsworth Over Alderley Henbury Prestbury Hulme Walfield Siddington Marton Snelson	Welfare Centre, Wellington Road, Bollington <i>Alt. Thurs. p.m. (v. No. 23)</i> Tub. Disp., Gen. Infirmary Macclesfield <i>Mon. and Fri. p.m. (Tel. M'field 2913)</i> Somerford Swettenham Somerford Booths Withington
DISTRICT No. 24 Esme Owen, 12 West Street, Congleton (Tel. Congleton 169)	Sandbach U.D. Brereton Arclid Elton Betchton Hassall Bradwall Smallwood Tetton	Welfare Centre, Marriott House, Sandbach <i>Tues. p.m.</i> School Clinic, Marriott House, Sandbach <i>Wed. and Fri. p.m.</i>
DISTRICT No. 25 G. F. Finger, 12, West Street, Congleton (Tel. Congleton 169)	CONGLETON M.B. Moreton-cum-Aleumlow. Newbold Astbury	Welfare Centre, 12, West Street, Congleton <i>Mon. p.m. (Tel. Congleton 169)</i> Tuberculosis Dispensary, Mem. Hospital <i>Fri. a.m. Congleton</i> Ante & Post Natal Clinic, 12, West Street, <i>2nd & 4th Thurs., 1st Tues. p.m. Congleton</i>
DISTRICT No. 26 (a) M. B. Batty, 14, Parrswood Court, Manchester 20 (b) E. Hardy, 4, Bird Hall Avenue, Cheadle Hulme, Stockport	Cheadle and Gatley U.D. (Cheadle Hulme and Heald Green Wards) Cheadle and Gatley U.D. (Cheadle and Gatley Wards)	School Clinic, All Saints' Parish Room, <i>Mon., Wed., Fri. p.m. Cheadle Hulme</i> Welfare Centre, Mission Hall, Cheadle Hulme <i>Alt. Tues. p.m.</i> Welfare Centre, Mission Hall, Adswold <i>1st and 3rd Mon. p.m.</i> School Clinic, Literary Institute, Cheadle <i>Mon., Wed. and Fri. a.m.</i> Welfare Centre, Wesleyan Sunday School, <i>Alt. Tues. p.m. Cheadle</i>
DISTRICT No. 27 F. G. Brentnall, 3, Parsonage Road, Heaton Moor, Stockport (Tel. Heaton Moor 4339)	Hazel Grove and Bramhall U.D. (North and East Wards)	Welfare Centre, 253, London Road, <i>Thurs. p.m. Hazel Grove</i> School Clinic, 253, London Rd., Hazel Grove <i>Tues. a.m., Fri. p.m.</i>
DISTRICT No. 28 C. Commins, 173, Coppice Road, Poynton Stockport	Bollington U.D. Macclesfield F'est Adlington Poynton Hurdshfield Rainow Kettleshulme Sutton Lyme Handley Wildboarclough Pott Shrigley Winele	Welfare Centre, Wellington Road, Bollington <i>Alt. Thurs. p.m. (v. No. 23)</i> School Clinic, Wellington Road, Bollington <i>Wed. a.m.</i> Welfare Centre, Methodist Sunday School, <i>Alt. Thurs. p.m. Poynton</i> School Clinic, Primary School, Poynton <i>Tues. p.m.</i> Welfare Centre, Lane Ends Club, Sutton. <i>Alt. Wed. p.m.</i>
DISTRICT No. 29a S. Morris, Slade Mount, Slade Lane, Manchester 19	Bredbury and Romiley U.D. (Bredbury Ward)	Welfare Centre, Congregational Sunday <i>Tues. a.m. and p.m. School, Bredbury</i>
DISTRICT No. 29b M. Wilkinson, 5, Portland Place, Mottram Road, Stalybridge	Bredbury and Romiley U.D. (Romiley and Compstall Wards) STALYBRIDGE M.B.	Welfare Centre, Central Drive, Romiley <i>Thurs. p.m.</i> School Clinic, Central Drive, Romiley <i>Mon. p.m.</i> Tuberc. Dispens., Gt. Egerton St. Stockport <i>Tues. a.m. (Tel. Stockport 2204)</i>
DISTRICT No. 30 E. Ollerenshaw, 159, Talbot Road, Hyde (Tel. Hyde 806) B. Brewster, Spout House Farm, Strines, Stockport	DUKINFIELD M.B. (East Ward) DUKINFIELD M.B. (Central and West Wards)	Welfare Centre, 212 Astley Street, Dukinfield <i>Wed. and Thurs. a.m. and p.m. (Tel. Ashton 1689)</i>
DISTRICT No. 31 F. Spencer, 10, Alan Avenue, Hyde.	HYDE M.B. Longdendale U.D. Tintwistle R.D.	Welfare Centre, St. Mary's Sunday School, <i>Alt. Thurs. p.m. Hollingsworth</i> School Clinic, Council School, Hollingsworth <i>Tues. a.m.</i> Tuberculosis Dispensary, Beeley Street, Hyde <i>Mon. a.m., Wed. 2 & 6 p.m. (Tel. Hyde 587)</i>
DISTRICT No. 32 S. Dickson, Bute House, Marple Bridge, Stockport (Tel. Marple 177)	Marple U.D. Disley R.D.	Welfare Centre, Housewifery Centre, Disley <i>Alt. Tues. p.m.</i> Welfare Centre, Meth. Sunday School, Marple <i>Wed. p.m.</i> School Clinic, Public Baths, Marple <i>Wed. a.m. (Tel. Marple 582)</i> Welfare Centre, Methodist Sunday School, Marple Bridge. <i>Alt. Thurs. p.m.</i> Welfare Centre, Hartley House, High Lane. <i>Alt. Tues. p.m.</i>

COUNTY MIDWIVES (70)

No.	Name	Address	Telephone
1	M. N. Parr	32, Waverley Road, Hoylake	Hoylake 2570
2	S. E. Peacock	5, Broughton Avenue, West Kirby	Hoylake 2526
4	M. Boothroyd	20, Larchwood Drive, Woodhey, Bebington	Rock Ferry 2303
5	A. E. Hamer	105, Alport Lane, Bromborough	Bromborough 531
6	M. Uytendhal	19, Bolton Road East, New Ferry	Rock Ferry 2301
7	M. E. Wright	Fernbank, 4, Bromborough Road, Bebington	Rock Ferry 40
8	R. Baines	Sunnymede, Liverpool Road, Neston	Neston 325
9	L. M. Bradshaw	Newlands, Berwick Gardens, Little Sutton	Hooton 2138
10	E. Butler	Mersey View, Pooltown Road, Whitby	E. Port 240
11	V. E. Corson	Dormy, Wilkinson Street, Ellesmere Port	E. Port 146
12	E. Evans,	85, Grace Road, Ellesmere Port	E. Port 1188
13	A. E. Williams	6, York Road, Ellesmere Port	E. Port 329
14	E. E. West	20, Halkyn Road, Chester	Chester 2274
15	E. McAllister	73, Green Lane, Chester	Christleton 37
16	J. Wright	Fermoy, New Road, Tarvin	Tarvin 100
17	E. A. Cooke	13, Waterloo Road, Runcorn	Runcorn 2623
18	G. Minshall	20, Leinster Street, Runcorn	Runcorn 2798
19	E. Holt	Brynton, Heath Road, Runcorn	Runcorn 2556
20	B. Smith	34, Russell Road, Runcorn	Runcorn 2013
21	J. Elliott	88, Knutsford Road, Grappenhall	Grappenhall 384
22	A. J. Carroll	1, Stetchworth Road, Walton, Stockton Heath	St'kton Heath 611
23	N. Jones	71, East Avenue, Rudheath, Northwich	Northwich 3020
23a	E. M. Lowe	13, Middlewich Road, Northwich	Northwich 2610
24	A. Orme	95, Victoria Road, Northwich	Northwich 3025
25	M. Court	117, Delamere Street, Over, Winsford.....	Winsford 2311
26	A. E. Hough	Beaumont, St. Ann's Road, Middlewich	Middlewich 167
27	E. A. Bimson	20, Gatefield Street, Crewe	Crewe 2239
28	D. Broad	234, Hungerford Road, Crewe	Crewe 2495
29	N. W. Brookes	41, Samuel Street, Crewe	Crewe 2826
30	M. Kelly	45, Brooklyn Street, Crewe	Crewe 2875
31	E. G. Williams	282, Broad Street, Crewe	Crewe 2666
32	M. E. Wood	81, Lord Street, Crewe	Crewe 2825
32a	M. A. Slack	2, Leighton Street, off Underwood Lane, Crewe	
33	E. Jones	12, Well Lane, Alsager	Alsager 223
34	M. Stoddart	24, Brook Road, Lymm	Lymm 581
36	E. Gibson	93, Carrington Lane, Sale	Sale 4642
37	H. Gilbody	192, Northenden Road, Sale Moor, Sale	Sale 4313
38	D. Lindley	65, Derbyshire Road South, Sale	Sale 4383
39	K. McSweeney	27, Glebelands Road, Sale	Sale 1842
40	A. Whittle	220, Manchester Rd., Broadheath, Altrincham	Altrincham 1484
41	S. Leigh	5, Poplar Avenue, Altrincham	Altrincham 0963
43	M. A. Fittes	Dunham Woodhouses, Dunham Massey	Altrincham 0056
44	L. Starkey	1, Bancroft Road, Hale	Ringway 4653
45	D. Harper	Cranford, Bradwall Road, Sandbach	Sandbach 273
46	A. A. Rowley	51, Swan Street, Congleton	Congleton 430
47	R. H. Frost	Brook Bank, Townsend Road, Congleton	Congleton 429
48	M. A. Lane	3, Vaudrey Crescent, Congleton	Congleton 442
49	C. Bayliss	94, Councillor Lane, Cheadle	Gatley 3797
49a	E. M. Newman	10, Madison Avenue, Cheadle Hulme	Ch'le Hulme 1261
50	F. W. Hampson	335, London Road, Hazel Grove	Great Moor 3131
51	S. P. Faulkner	99, Hawthorn Street, Wilmslow	Wilmslow 2717
52	E. Lloyd	26, Bridge Street, Macclesfield.....	Macclesfield 2715
53	N. Heap	46, Western Avenue, Macclesfield	Macclesfield 3084
54	G. H. Robinson	249, Peter Street, Macclesfield.....	Macclesfield 3321

COUNTY MIDWIVES (contd.)

No.	Name	Address	Telephone
55	E. Fairclough	19, Nicholson Avenue, Macclesfield —	Macclesfield 3322
56	D. Tomlinson	7, Clegg Street, Macclesfield —	Macclesfield 2073
57	A. D. Hall	47, Taylor Street, Hollingworth —	Mottram 214
58	L. Purvey	184, Huddersfield Road, Stalybridge —	Stalybridge 2483
59	N. Robinson	6, Acres Lane, Stalybridge —	Stalybridge 2821
60	F. Dent	Plas-y-Garth, Wakefield Road, Stalybridge	Stalybridge 2281
62	A. Lees	90, Astley Street, Dukinfield —	Ashton 1073
63	A. E. Marten	218, Birch Lane, Dukinfield —	Stalybridge 2443
64	L. Kitchen	7, Elm Grove, Hyde —	Hyde 789
65	L. Sambrook	57, Woodfield Avenue, Hyde —	Hyde 786
66	M. P. Turner	24, Lodge Lane, Flowery Field, Hyde —	Hyde 798
66a	M. P. Schofield	Woodhaven, Woodend Lane, Hyde —	Hyde 739
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67	L. Jones	106, Arden Park, Bredbury	
(Variable District)			
—	M. E. Cottrell	Fern Bank, Weston Road, Weston,	
	(Relief)	Runcorn	
—	B. Gardiner	87, Ruskin Road, Crewe	
	(Relief)		
—	D. Molyneux	46, Heatherdene, Bromborough	
	(Relief)		

DENTAL NURSES (10)

D. Babington	211, Fog Lane, Didsbury, Levenshulme, Manchester.
D. Comyn	Spring Villa, Upton Park, Chester.
H. Howarth	700, Borough Road, Birkenhead
W. Tarry	Fernlea, Moss Lane, Bramhall, Stockport
M. Ramsbottom	11, Cranleigh Drive, Cheadle.
G. Rees	46, George's Crescent, Grappenhall, Warrington.
E. M. Reynolds	6, Beech Road, Lower Bebington (temporary).
J. Smith	74, Cambridge Road, Park Lane, Macclesfield.
E. Toft	The Manor, Mickle Trafford, Chester.
G. M. Watts	3, Highbury Road, Alexandra Park, Manchester.

DENTAL ATTENDANTS (1)

I. M. Heys	Lancrese, Queensgate, Castle, Northwich.
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Superintendent Clerk — Vincent O'Connor.

PUBLIC VACCINATORS and POOR LAW MEDICAL OFFICERS.

No. 1 (BUCKLOW) AREA.

District No. 1 (Altrincham).

Altrincham M.B.	Bowdon U.D.	Hale U.D.
	Dunham Massey	
Public Vaccinator—	} H. A. Logan, Manor House, Woodlands Road, Altrincham.	
Medical Officer—		

District No. 2 (Knutsford South).

Bexton	Marthall-cum-	Ollerton
Peover Inferior	Warford	Peover Superior
Plumley	Toft	
Public Vaccinator—	} H. Bowring, Tithe House, Chelford Road, Knutsford.	
Medical Officer—		

District No. 3 (Knutsford North).

Knutsford U.D.	Agden	Aston-by-Budworth
Bollington	High Legh	Mcre
Millington	Pickmcre	Rostherne
Tabley Inferior	Tabley Superior	Tatton
Public Vaccinator—	} H. Bowring, Tithe House, Chelford Road, Knutsford.	
Medical Officer—		

District No. 4 (Lymm).

Lymm U.D.		
Public Vaccinator—	} F. Wraith, Footscray, Lymm.	
Medical Officer—		

District No. 5 (Sale).

Sale M.B.	Carrington	Partington
	Warburton	
Public Vaccinator—	} D. Connolly,* Heathville, Northenden Road, Sale.	
Medical Officer—		

District No. 6 (Wilmslow).

Alderley Edge U.D.	Wilmslow U.D.	Ashley
Mobberley	Ringway	
Public Vaccinator—	} A. Nowell,† Handforth Lodge, Handforth.	
Medical Officer—		

No. 2 (MACCLESFIELD AND CONGLETON) AREA.

District No. 1 (Macclesfield).

Macclesfield M.B.		
Public Vaccinator—	} S. F. Clegg, Nuncham, Victoria Road, Macclesfield.	
Medical Officer—		

* Acting for J. J. Cruickshank (with H.M. Forces).

† Acting for R. Bennett (with H.M. Forces).

No. 2 (Macclesfield and Congleton) Area—Continued.**District No. 2 (Sutton and Rainow).**

Gawsworth	Hurdsfield	Kettleshulme
Macclesfield Forest	Rainow	Sutton
Wildboarclough	Wincle	

Public Vaccinator— } A. C. Gillies, 195, Park Lane, Macclesfield.
 Medical Officer— }

District No. 3 (Alderley).

Alderley Nether	Alderley Over	Chelford
Chorley	Henbury	Siddington
Snelson	Warford Great	Withington

Public Vaccinator— } E. S. Evans, Roadside, Chelford, Crewe.
 Medical Officer— }

District No. 4 (Bollington).

Bollington U.D.	Disley R.D.	Lymc Handley
Mottram St. Andrew	Pott Shrigley	Prestbury

Public Vaccinator— } G. Coopc, The Waterhouse, Bollington, nr.
 Medical Officer— } Macclesfield.

District No. 5 (Eaton and Marton).

Bosley	Eaton	Marton
	North Rodc	

Public Vaccinator— } R. B. Davidson, Damian House, Congleton.
 Medical Officer— }

District No. 6 (Poynton).

Adlington	Poynton-with-Worth	Woodford
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Public Vaccinator— } N. Cox, London Road, Poynton, nr. Stockport.
 Medical Officer— }

District No. 7 (Congleton).

Congleton M.B.	Hulme Walfield	Moreton-cum-
Newbold Astbury	Somerford	Alcumlow
	Somerford Booths	

Public Vaccinator }
 Medical Officer } A. J. Pirie, Moody Hall, Congleton.

District No. 8 (Sandbach).

Sandbach U.D.	Arclid	Betchton
Bradwall	Elton	Hassall
Smallwood	Tetton	

Public Vaccinator— } A. Henderson, West View, Sandbach.
 Medical Officer— }

District No. 9 (Alsager).

Alsager U.D.	Church Lawton	Odd Rode
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Public Vaccinator— A. Henderson, West View, Sandbach
 Medical Officer— G. Bates, Lawton Road, Alsager.

District No. 10 (Church Hulme).

Brereton	Church Hulme	Cranage
Goostrey	Swettenham	Twenilow

Public Vaccinator— } L. J. Picton, Saddler's Close, Holmes Chapl.
 Medical Officer— }

No. 3 (NANTWICH) AREA.**District No. 1 (Audlem).**

Audlem	Buerton	Coole Pilate
Dodcot-cum-	Hankelow	Newhall (Part of *).
Wilkesley (Part of *)		

Public Vaccinator— } G. C. Thornton, Beech House, Audlem, Crewe
 Medical Officer— }

District No. 2 (Bunbury).

Alraham	Bickerton	Bulkeley
Bunbury	Calveley	Egerton
Haughton	Peckforton	Ridley
Spurstow	Wardle	Wettenhall

Public Vaccinator— } M. M. F. Arthur, Birchfield, Bunbury
 Medical Officer— }

District No. 3 (Crewe North).

Crewe M.B. (North †)	Leighton	Minshull Vernon
Warmingham	Woolstanwood	

Public Vaccinator— } M. Parkes, Helmsville, Crewe.
 Medical Officer— }

District No. 4 (Crewe South).

Crewe M.B. (South ‡)	Rope	Shavington-cum-
Wistaston		Gresty

Public Vaccinator— } W. G. Murray, 144, Nantwich Road, Crewe.
 Medical Officer— }

District No. 5 (Haslington).

Barthomley	Basford	Crewe Rural
Haslington	Weston	

Public Vaccinator— } W. L. English, High Street, Haslington, Crewe.
 Medical Officer— }

District No. 6 (Nantwich).

Nantwich U.D.	Acton	Aston-juxta-Mondrum
Baddington	Batherton	Brindley
Burland	Cholmondeston	Church Minshull
Edleston	Faddiley	Henhull
Hurleston	Poole	Stoke
Willaston	Worleston	

Public Vaccinator— } S. Johnstone, Kiltearn House, Nantwich.
 Medical Officer— }

* Such part of these Parishes as lies East of a line formed by the Barnett Brook from the County boundary to its junction with the River Weaver, and thence by the River Weaver to the boundary of the Parish of Broomhall.

† Such part of Crewe M.B. as lies North of a line formed by West Street, Hightown, Victoria Street, Market Street, Earl Street, Hungerford Road.

‡ Such part of Crewe M.B. as lies South of the line defined in note † above.

No 3 (Nantwich) Area—Continued.**District No. 7 (Wrenbury).**

Baddiley	Broomhall	Cholmondeley
Chorley	Dodcot-cum-	Marbury-cum-
Newhall (Part *)	Wilkesley (Part *)	Quoisley
Norbury	Sound	Wirswall
Woodcott	Wrenbury-cum-Frith	

Public Vaccinator— } N. Patterson, Stanley House, Wrenbury.
 Medical Officer— }

District No. 8 (Wybunbury).

Austerson	Blakenhall	Bridgemere
Checkley-cum-	Chorlton	Doddington
Wrinchill	Hatherton	Hough
Hunsterson	Lea	Stapeley
Walgherton	Wybunbury	

Public Vaccinator— } O. H. Blacklay, 148, Hospital Street, Nantwich.
 Medical Officer— }

No. 4 (NORTHWICH AND RUNCORN) AREA.**District No. 1 (Northwich No. 1).**

Northwich U.D.	Lostock Gralam	Marbury
(Witton & Northwich Wards)		
Marston	Wincham	

Public Vaccinator— } J. B. Fulton, 162, Witton Street, Northwich
 Medical Officer— }

District No. 2 (Northwich No. 2).

Northwich U.D.	Anderton	Barnton
(Castle & Winnington Wards)		
Comberbach	Hartford	

Public Vaccinator— } J. W. Craw, Rose Bank, Chester Road, Northwich
 Medical Officer— }

District No. 3 (Winsford).

Winsford U.D.	Darnhall	Little Budworth
Marton	Moulton	

Public Vaccinator— } W. N. Leak, Dingle House, Winsford.
 Medical Officer — }

District No. 4 (Weaverham).

Acton	Crowton	Cuddington
Delamere	Little Leigh	Oakmere
	Weaverham-cum-	Norley
	Milton	

Public Vaccinator— } W. G. Shaw, Ivy House, Weaverham.
 Medical Officer— }

District No. 5 (Middlewich).

Middlewich U.D.	Allostock	Bostock
Byley	Davenham	Lach Dennis
Nether Peover	Rudheath	Sproston
Stanthorne	Whatcroft	Wimboldsley

Public Vaccinator— } J. Murphy, The Beeches, Middlewich.
 Medical Officer— }

* Such part of these Parishes as lies West of the line defined in note * on page 16.

No. 4 (Northwich & Runcorn) Area—*Continued*.**District No. 6 (Runcorn).**

Runcorn U.D.	Aston	Halton
Norton	Sutton	
Public Vaccinator—	} J. B. Murphy, 1, Queen Street, Runcorn.	
Medical Officer —		

District No. 7 (Budworth).

Antrobus	Appleton	Budworth, Great
Daresbury	Dutton	Grappenhall
Hatton	Moore	Preston Brook
Stockton Heath	Stretton	Walton
	Whitley	
Public Vaccinator—	} J. W. Crowther, * Viewfield, Stretton, Warrington.	
Medical Officer—		

District No. 8 (Frodsham).

Alvanley	Frodsham	Helsby
Kingsley	Manley	
Public Vaccinator—	H. H. James, The Knoll, Frodsham.	
Medical Officer—	H. B. Ellison, Brentwood, Red Lane, Frodsham.	

District No. 9 (Tarporeley).

Rushton	Tarporeley	Utkinton
Public Vaccinator—	} P. A. Campbell, Glenthorne, Tarporeley.	
Medical Officer—		

No. 5 (TARVIN) AREA.**District No. 1 (Hoole).**

Hoole U.D.	Bache	Backford
Barrow-by-Tarvin	Bridge Trafford	Caughall
Chorlton-by-Backford	Christleton	Croughton
Dunham-on-the-Hill	Elton	Great Boughton
Guilden Sutton	Hapsford	Hoole Village
Huntington	Little Stanney	Littleton
Moston	Picton	Rowtor
Saighton	Stoke	Thornton-le-Moors
Upton-by-Chester	Wervin	Wimbolds Trafford
Public Vaccinator—	} W. J. A. Russell, The Limes, Hoole.	
Medical Officer—		

District No. 2 (Chester Rural).

Aldford	Buerton	Capenhurst
Chester Castle	Churton Heath	Claverton
Dodleston	Eaton	Eccleston
Great Saughall	Lea-by-Backford	Lea Newbold
Ledsham	Little Saughall	Lower Kinnerton
Marlston-cum-Lache	Mollington	Poulton
Puddington	Pulford	Shotwick
Shotwick Park	Woodbank	
Public Vaccinator—	} O. E. Williams, Old Bars House, Foregate Street, Chester.	
Medical Officer—		

District No. 3 (Tarvin).

Ashton	Bruen Stapleford	Burton-by-Tarvin
Clotton Hoofield	Duddon	Foulk Stapleford
Hockenhull	Horton-cum-Peel	Huxley
Iddenshall	Kelsall	Mouldsworth
Pryor's Hayes	Tarvin	Tilstone Fearnall
Tiverton	Willington	
Public Vaccinator—	} C. R. Fielding, Kelsall.	
Medical Officer—		

* Acting for C. E. W. Bower (with H.M. Forces).

No. 5 (Tarvin) Area—Continued.**District No. 4 (Tattenhall).**

Aldersey	Beeston	Broxton
Burwardsley	Chowley	Clutton
Cotton Abbots	Cotton Edmunds	Golborne Bellow
Golborne David	Handley	Harthill
Hatton	Newton-by-Tattenhall	Tattenhall
	Waverton	

Public Vaccinator— } M. Dwyer, Church Bank, Tattenhall.
 Medical Officer— }

District No. 5 (Farndon).

Barton	Caldecott	Carden
Church Shocklach	Churton-by-Aldford	Churton-by-Farndon
Coddington	Crewe-by-Farndon	Edgerley
Farndon	Grafton	Horton-by-Malpas
Kings Marsh	Shocklach Oviatt	Stretton-by-Malpas
	Tilston-by-Malpas	

Public Vaccinator— } J. Alexander, Holly Bank, Farndon.
 Medical Officer— }

District No. 6 (Malpas).

Agden	Bickley	Bradley
Chidlow	Chorlton-by Malpas	Cuddington-by-
Duckington	Edge	Malpas
Hampton	Larkton	Macefen
Malpas	Newton-by-Malpas	Oldcastle
Overton-by-Malpas	Stockton	Threapwood
Tushingham-cum-	Wigland	Wychough
Grindley		

Public Vaccinator— } L. T. Pollard, Prospect House, Malpas.
 Medical Officer— }

No. 6 (WIRRAL) AREA.**District No. 1 (Bebington).**

Bebington M.B.

Public Vaccinator— } J. W. Cowen, 36, Heath Road, Bebington.
 Medical Officer— }

District No. 2 (Neston and Wirral).

Neston U.D. Wirral U.D.

Public Vaccinator—G. Gunn, Parkgate Road, Neston.

Medical Officer—R. L. Turner, 1, Heath Drive, Heswall.

District No. 3 (Hoylake).

Hoylake U.D.

Public Vaccinator—P. B. Pinkerton,* Stonehive, Grange Road, West Kirby.

Medical Officer—W. M. Brown,* 2, Park Road, West Kirby.

District No. 4 (Ellesmere Port).

Ellesmere Port U.D.

Public Vaccinator— } R. F. Gerrard, 113, Station Road, Ellesmere
 Medical Officer— } Port.

* Acting for G. H. Brown (with H.M. Forces).

No. 7 (STALYBRIDGE AND DUKINFIELD) AREA.**District No. 1 (Stalybridge No. 1).**

Stalybridge M.B. (Part of *)

Public Vaccinator—W. E. C. Thomas, Bank House, Stalybridge.

Medical Officer—J. A. Jolley, 60, Grosvenor Street, Stalybridge.

District No. 2 (Stalybridge No. 2).

Stalybridge M.B. (Part of †)

Public Vaccinator— } W. E. C. Thomas, Bank House, Stalybridge.

Medical Officer— }

District No. 3 (Dukinfield).

Dukinfield M.B.

Public Vaccinator— } Gladys Greenhalgh Lowe, ‡ Sandham House,

Medical Officer— } Dukinfield.

District No. 4 (Longdendale).

Longdendale U.D. Tintwistle R.D.

Public Vaccinator— } E. Talbot, Prospect House, Mottram.

Medical Officer— }

No. 8 (HYDE AND CHEADLE) AREA.**District No. 1 (Hyde).**

Hyde M.B.

Public Vaccinator— } M. W. Paterson, Norbury House, Hyde.

Medical Officer— }

District No. 2 (Cheadle).

Cheadle and Gatley U.D.

Public Vaccinator— } T. S. Hanlin, 26, Wilmslow Road, Cheadle.

Medical Officer— }

District No. 3 (Hazel Grove).

Hazel Grove and Bramhall U.D.

Public Vaccinator— } M. V. Shanahan, 267, London Road, Hazel

Medical Officer— } Grove.

District No. 4 (Bredbury).

Bredbury and Romiley U.D.

Public Vaccinator— } P. V. Cant, Woodley, nr. Stockport.

Medical Officer— }

District No. 5a (Marple No. 1).

Marple U.D. (excluding Ludworth Ward).

Public Vaccinator— } W. A. Jackson, Glengarth, Marple.

Medical Officer— }

District No. 5b (Marple No. 2).

Marple U.D. (Ludworth Ward).

Public Vaccinator— } A. G. Hastings, Overdale, Station Road,

Medical Officer— } Marple.

* The part lying on the North-West side of the River Tame.

† The part lying on the South-East side of the River Tame.

‡ Acting for D. Macfie (with H.M. Forces).

VACCINATION OFFICERS and REGISTRARS

(1931 populations of districts as constituted 1/4/39 are given in brackets)

AREA A—BUCKLOW.

District No. 1—Altrincham (45043).

Altrincham M.B.	..	(29353)	Ashley	..	..	..	(359)
Bowdon U.D.	..	..	(3341)	Dunham Massey	..	..	(716)
Hale U.D.	..	..	(11011)	Ringway	..	..	(263)
Vaccination Officer	} A. W. Highet,* 5, Springfield Road, Altrincham.						
Registrar							

District No. 2—Knutsford (20062).

Knutsford U.D.	..	(6173)	Partington	..	..	..	(816)
Lymm U.D.	..	..	(5637)	Peover Inferior	..	..	(100)
Agden	..	..	(87)	Peover Superior	..	..	(617)
Aston-by-Budworth	..	..	(364)	Pickmere	..	..	(320)
Bexton	..	..	(14)	Plumley	..	..	(459)
Bollington	..	..	(174)	Rostherne	..	..	(284)
High Legh	..	..	(688)	Tabley Inferior	..	..	(117)
Marthall-cum-Warford	..	..	(626)	Tabley Superior	..	..	(351)
Mere	..	..	(379)	Tatton	..	..	(61)
Millington	..	..	(258)	Toft	..	..	(156)
Mobberley	..	..	(1753)	Warburton	..	..	(354)
Ollerton	..	..	(274)				
Vaccination Officer	} Mrs. Shaw, 23, St. John's Avenue, Knutsford.						
Registrar							

District No. 3—Sale (28575).

Sale M.B.	..	..	(28071)	Carrington	..	..	(504)
Vaccination Officer	} Register Office, School Road, Sale.						
Registrar—A. W. Highet							

District No. 4—Wilmslow (15235).

Alderley Edge U.D.	..	..	(3279)	Wilmslow U.D.	..	..	(11956)
Vaccination Officer	} Mabel Dawson,† Bank Square Buildings, Wilmslow.						
Registrar							

AREA B—MACCLESFIELD.

District No. 1—Congleton (14666).

Congleton M.B.	..	..	(14666)				
Vaccination Officer	} S. A. Bevan, 8, Park View, Congleton.						
Registrar							

District No. 2 (a)—Macclesfield (a) (21936).

Bollington U.D.	..	..	(5062)	Mottram-St.-Andrew	..	..	(526)
Adlington	..	..	(687)	Nether Alderley	..	..	(757)
Bosley	..	..	(359)	North Rode	..	..	(268)
Chelford	..	..	(341)	Over Alderley	..	..	(332)
Chorley	..	..	(376)	Pott Shrigley	..	..	(441)
Eaton	..	..	(239)	Poynton	..	..	(3944)
Gawsworth	..	..	(668)	Prestbury	..	..	(1103)
Great Warford	..	..	(882)	Rainow	..	..	(1109)
Henbury	..	..	(404)	Siddington	..	..	(441)
Hurdsfield	..	..	(428)	Snelson	..	..	(200)
Kettleshulme	..	..	(346)	Sutton	..	..	(1404)
Lyme Handley	..	..	(211)	Wildboardclough	..	..	(169)
Macclesfield Forest	..	..	(125)	Wincle	..	..	(208)
Marton	..	..	(249)	Withington	..	..	(656)

Vaccination Officer—G. B. Sturley, Relief Office, Lyme Terrace, Poynton.
Registrar—M. A. Bevan, Old County Police Buildings, Macclesfield.

*Temp. from 30.10.41, during absence of W. Fryer with H.M. Forces.

†Temp. from 11.7.42, during absence of R. G. Rathbone with H.M. Forces.

Area B—Macclesfield—Continued.**District No. 2 (b)—Macclesfield (b) (35552).**

Macclesfield M. B. . . . (35552)

Vaccination Officer—A. Millward, 10, Waterloo Street West, Macclesfield.

Registrar—M. A. Bevan, Old County Police Buildings, Macclesfield.

AREA C—CREWE.**District No. 1 (a)—Crewe (a) (48321).**

Crewe M.B. . . . (48321)

Vaccination Officer } R. H. Lewis, 1, Gatefield Street, Crewe.
Registrar }**District No. 1 (b)—Crewe (b) (7550).**

Barthomley	(257)	Shavington	(1563)
Basford	(177)	Warmingham	(202)
Crewe (Rural)	(177)	Weston	(490)
Haslington	(2882)	Wistaston	(1260)
Leighton	(137)	Woolstanwood	(81)
Minshull Vernon	(324)		

Vaccination Officer—C. Griffiths, 1, Gatefield Street, Crewe.

Registrar—R. H. Lewis, 1, Gatefield Street, Crewe.

District No. 2 (a)—Nantwich (a) (16361).

Nantwich U.D.	(8639)	Edleston	(60)
Acton	(206)	Faddiley	(211)
Aston-juxta-Mondrum	(139)	Hatherton	(287)
Austerson	(50)	Henhull	(97)
Baddiley	(219)	Hough	(299)
Baddington	(104)	Hunsterston	(175)
Batherton	(53)	Hurleston	(110)
Blakenhall	(178)	Lea	(37)
Bridgemere	(149)	Poole	(114)
Brindley	(187)	Rope	(92)
Burland	(595)	Stapeley	(510)
Checkley-cum-Wrinehill	(235)	Stoke	(213)
Cholmondeston	(158)	Walgherton	(159)
Chorlton	(76)	Willaston	(1664)
Church Minshull	(265)	Worleston	(370)
Doddington	(66)	Wybunbury	(644)

Vaccination Officer } W. Sutton, 1b, Hospital Street, Nantwich.
Registrar }**District No. 2 (b)—Nantwich (b) (8597).**

Alpraham	(436)	Haughton	(150)
Audlem	(1346)	Marbury-cum-Quoisley	(282)
Bickerton	(259)	Newhall	(645)
Broomhall	(184)	Norbury	(271)
Buerton	(421)	Peckforton	(161)
Bulkeley	(120)	Ridley	(160)
Bunbury	(910)	Sound	(243)
Calveley	(270)	Spurstow	(333)
Cholmondeley	(278)	Wardle	(140)
Chorley	(162)	Wettenhall	(186)
Coole Pilate	(52)	Wirswall	(158)
Dodcott-cum-Wilkesley	(547)	Woodcott	(18)
Egerton	(101)	Wrenbury	(589)
Hankelow	(175)		

Vaccination Officer—F. E. Davenport, 58, The Crofts, Nantwich.

Registrar—W. Sutton, 1b, Hospital Street, Nantwich.

District No. 3—Sandbach (21995).

Alsager U.D.	(2852)	Hassall	(318)
Sandbach U.D.	(8267)	Hulme Walfield	(61)
Arclid	(306)	Moreton	(130)
Betchton	(614)	Newbold Astbury	(546)
Bradwall	(242)	Odd Rode	(3307)
Brereton	(550)	Smallwood	(615)
Church Hulme	(1143)	Somerford	(102)
Church Lawton	(874)	Somerford Booths	(162)
Cranage	(475)	Swettenham	(279)
Elton	(161)	Tetton	(255)
Goostrey	(629)	Twemlow	(107)

Vaccination Officer } S. A. Bevan,* 8, Park View, Congleton.
Registrar

AREA D—NORTHWICH.**District No. 1—Northwich (37756).**

Northwich U.D.	(20827)	Lach Dennis	(193)
Acton	(551)	Little Leigh	(422)
Allostock	(436)	Lostock Gralam	(1095)
Anderton	(329)	Marbury	(37)
Barnton	(3198)	Marston	(530)
Comberbach	(481)	Nether Peover	(200)
Crowton	(474)	Rudheath	(2728)
Cuddington	(1100)	Weaverham	(2714)
Hartford	(1424)	Wincham	(1017)

Vaccination Officer } S. S. Trevor, Winnington Hill, Northwich.
Registrar

District No. 2—Winsford (26454).

Middlewich U.D.	(5857)	Moulton	(1223)
Winsford U.D.	(11346)	Oakmere	(455)
Bostock	(156)	Rushton	(503)
Byley	(191)	Sproston	(210)
Darnhall	(228)	Stanthorne	(169)
Davenham	(1740)	Tarporley	(1382)
Delamere	(1114)	Utkinton	(586)
Little Budworth	(530)	Whatcroft	(119)
Marton	(500)	Wimboldsley	(145)

Vaccination Officer } O. Parry, Mayfield, St. George's Road, Winsford.
Registrar

* Temporarily during absence of A. G. Skellern (with H.M. Forces).

AREA E—RUNCORN.**District No. 1—Stockton Heath (15376).**

Antrobus	(682)	Moore	(458)
Appleton	(1196)	Preston Brook	(397)
Daresbury	(319)	Stockton Heath	(6110)
Dutton	(546)	Strctton	(371)
Grappenhall	(2742)	Walton	(1301)
Great Budworth	(447)	Whitley	(510)
Hat on	(297)		
Vaccination Officer	} A. J. Massey, 33, Fairfield Road, Stockton Heath.		
Registrar			

District No. 2—Runcorn (34791).

Runcorn U.D.	(22587)	Kingsley	(1456)
Alvanley	(287)	Manley	(840)
Aston	(256)	Norley	(871)
Frodsham	(4703)	Norton	(158)
Halton	(1020)	Sutton	(631)
Helsby	(1982)		
Vaccination Officer	} H. V. Davies, Council Offices, Waterloo Road, Runcorn.		
Registrar			

AREA F—HYDE.**District No. 1—Stalybridge (31515).**

Stalybridge M.B.	(24978)	Longdendale U.D.	(5145)
Tintwistle R.D.	(1392)		
Vaccination Officer	} N. Potts, Union Bank Chambers, Market Street, Stalybridge.		
Registrar			

District No. 2—Hyde (32313).

Hyde M.B.	(32313)		
Vaccination Officer	} H. Morton, 30 Market Place, Hyde.		
Registrar			

District No. 3—Dukinfield (19385).

Dukinfield M.B.	(19385)		
Vaccination Officer	} H. Morton, 30, Market Place, Hyde.		
Registrar			

AREA G—NORTH EAST CHESHIRE.**District No. 1—Bredbury (11690).**

Bredbury and Romiley U.D. (11690)
 Vaccination Officer—H. Whalley, Public Assistance Office, Shaw Heath, Stockport.
 Registrar—E. Love, Council Offices, Bredbury.

District No. 2—Hazel Grove (26880).

Hazel Grove and Marple U.D.	(11088,
Bramhall U.D.	(13178)
Vaccination Officer	} F. Ardern, Council Offices, Hazel Grove.
Registrar	

District No. 3—Cheadle (18535).

Cheadle and Gatley U.D. (18535)
 Vaccination Officer—J. H. Johnson, 77, High Street, Cheadle.
 Registrar—W. S. Marsh, 11, Ashfield Road, Cheadle.

AREA H—WIRRAL.**District No. 1—East Wirral (31877).**

Bebington M.B. .. (31877)

Vaccination Officer	}	A. Clough,* 218, Bebington Road, Bebington.
Registrar		

District No. 2—West Wirral (37255).

Hoylake U.D. (19745) Wirral U.D. (9599)

Neston U.D. (7911)

Vaccination Officer	}	J. R. Bird, 96b, Market Street, Hoylake.
Registrar		

AREA J—WEST CHESHIRE.**District No. 1 (a)—Chester Castle (a) † (20410).**

Hoole U.D. (5892)	Lea-by-Backford (165)
Aldford (347)	Lea Newbold (39)
Bache (62)	Ledsham (173)
Backford (124)	Little Saughall (304)
Barrow-by-Tarvin (910)	Little Stanney (170)
Bridge Trafford (50)	Littleton (336)
Buerton (61)	Lower Kinnerton (113)
Capenhurst (157)	Marlston-cum-Lache (60)
Caughall (13)	Mickle Trafford (263)
Chester Castle (228)	Mollington (350)
Christleton (997)	Moston (81)
Chorlton-by-Backford (82)	Picton (97)
Churton Heath (15)	Poulton (119)
Claverton —	Puddington (332)
Croughton (21)	Pulford (261)
Dodleston (247)	Rowton (168)
Dunham-on-the-Hill (316)	Saighton (347)
Eaton (143)	Shotwick (73)
Eccleston (291)	Shotwick Park (26)
Elton (252)	Stoke (101)
Great Boughton (1862)	Thornton-le-Moors (166)
Great Saughall (865)	Upton-by-Chester (2667)
Guilden Sutton (382)	Wervin (103)
Hapsford (112)	Wimbolds Trafford (73)
Hoole Village (162)	Woodbank (88)
Huntington (144)	

Vaccination Officer—	}	A. O. Davies, 7 & 8, Godstall Chambers, Chester
Registrar—		

District No. 1 (b)—Chester Castle (b) (23057).

Ellesmere Port U.D. (23057)

Vaccination Officer—A. Clough,* 218, Bebington Road, Bebington.

Registrar—A. O. Davies, 7 & 8, Godstall Chambers, Chester.

* Vaccination Officer for H 1 and J 1 (b).

† This district comprises Hoole U.D. and Chester R.D.

Area J—West Cheshire—Continued.**District No. 2—Tarvin Rural * (14388).**

Agden	(75)	Hampton	(366)
Aldersey	(92)	Handley	(250)
Ashton	(430)	Harthill	(95)
Barton	(103)	Hatton	(132)
Beeston	(268)	Hockenhull	(21)
Bickley	(302)	Horton	(120)
Bradley	(136)	Horton-cum-Peel	(37)
Broxton	(507)	Huxley	(253)
Bruen Stapleford ..	(114)	Iddinshall	(14)
Burton-by-Tarvin ..	(41)	Kelsall	(874)
Burwardsley	(298)	King's Marsh	(63)
Caldecott	(42)	Larkton	(37)
Carden	(151)	Macefen	(65)
Chidlow	(13)	Malpas	(1101)
Chorlton-by-Malpas ..	(90)	Mouldsworth	(194)
Chowley	(61)	Newton-by-Tattenhall ..	(198)
Church Shocklach ..	(162)	Newton-by-Malpas ..	(13)
Churton-by-Aldford ..	(191)	Oldcastle	(84)
Churton-by-Farndon ..	(145)	Overton-by-Malpas ..	(98)
Clotton Hoofield ..	(382)	Pryor's Heyes	(11)
Clutton	(56)	Shocklach Oviatt ..	(149)
Coddington	(95)	Stockton	(20)
Cotton Abbots	(11)	Stretton-by-Malpas ..	(79)
Cotton Edmunds ..	(65)	Tarvin	(1251)
Crewe-by-Farndon ..	(47)	Tattenhall	(1008)
Cuddington-by-Malpas ..	(236)	Threapwood	(279)
Duddon	(194)	Tilston-by-Malpas ..	(347)
Duckington	(65)	Tilstone Fearnall ..	(118)
Edge	(238)	Tiverton	(525)
Edgerley	(11)	Tushingham	(234)
Farndon	(560)	Waverton	(479)
Foulk Stapleford ..	(205)	Wigland	(104)
Golborne Bellow ..	(103)	Willington	(167)
Golborne David ..	(84)	Wychough	(16)
Grafton	(13)		

Vaccination Officer } R. E. Blyth, Oakdene, Tattenhall.
Registrar }

*This District is co-extensive with Tarvin Rural Sanitary District.

**MEDICAL OFFICERS AND PUBLIC VACCINATORS OF
PUBLIC ASSISTANCE INSTITUTIONS**

CONGLETON	Dr. Henderson, Sandbach.
NANTWICH	Dr. Johnstone, Nantwich.
NORTHWICH	Dr. J. W. Craw, Northwich.
RUNCORN	Dr. J. W. Crowther, † Stretton.
TARVIN	Dr. H. L. W. Woodroffe, Chester.

† Acting for Dr. C. E. W. Bower (with H.M. Forces).

REPORT OF THE
County Medical Officer of Health

For the Year ended December 31st, 1943

Section I.-Area and Population

Area

The acreage of the County at the end of 1943 was 622,746 acres.

Population

The population of the Administrative County, as enumerated at the Census of 1931, was 665,575. The estimate of the Registrar-General for mid-1943 was 740,930.

Rateable Value

The rateable value of the Administrative County of Cheshire for General County Rate purposes at 1/4/43 was £5,165,774. A penny rate over the whole County for 1943-44 represented the sum of £20,365 (estimated).

Section II.-Births and Deaths

The figures are for the Administrative County, 1943, unless otherwise stated.

Live Births :—

	Total.	Male	Female
Legitimate	11926	6200	5726
Illegitimate	662	341	321

Birth Rate per 1,000 of the estimated resident population, 17·0.

	Total.	Male	Female
Stillbirths	403	221	182
Stillbirths Rate per 1,000 total (live and still) births, 31·0.			

	Total.	Male	Female
Deaths	9008	4501	4507

Death Rate per 1,000 of population, 12·2.

The principal causes of death were as follows:—

Disease.	No. of Deaths.	Rate per million population.
Heart Disease	2413	3257
Cancer	1352	1825
Intra-cranial vascular lesions	964	1302
Pneumonia	373	503
Tuberculosis (all forms)	339	458
Pulmonary	263	355
Non-Pulmonary	76	103
Nephritis	246	330
Bronchitis	516	696

The deaths from the chief zymotic diseases were as follows:—

Disease.	No. of Deaths.	Rate per million population.
Diphtheria	30	40
Whooping Cough	23	31
Measles	7	9
Diarrhoea and Enteritis (under 2 years)	39	53
Scarlet Fever	3	4
Typhoid and Paratyphoid	2	3
Smallpox	—	—

The zymotic Death Rate was ·14 per 1,000.

Infantile Mortality.

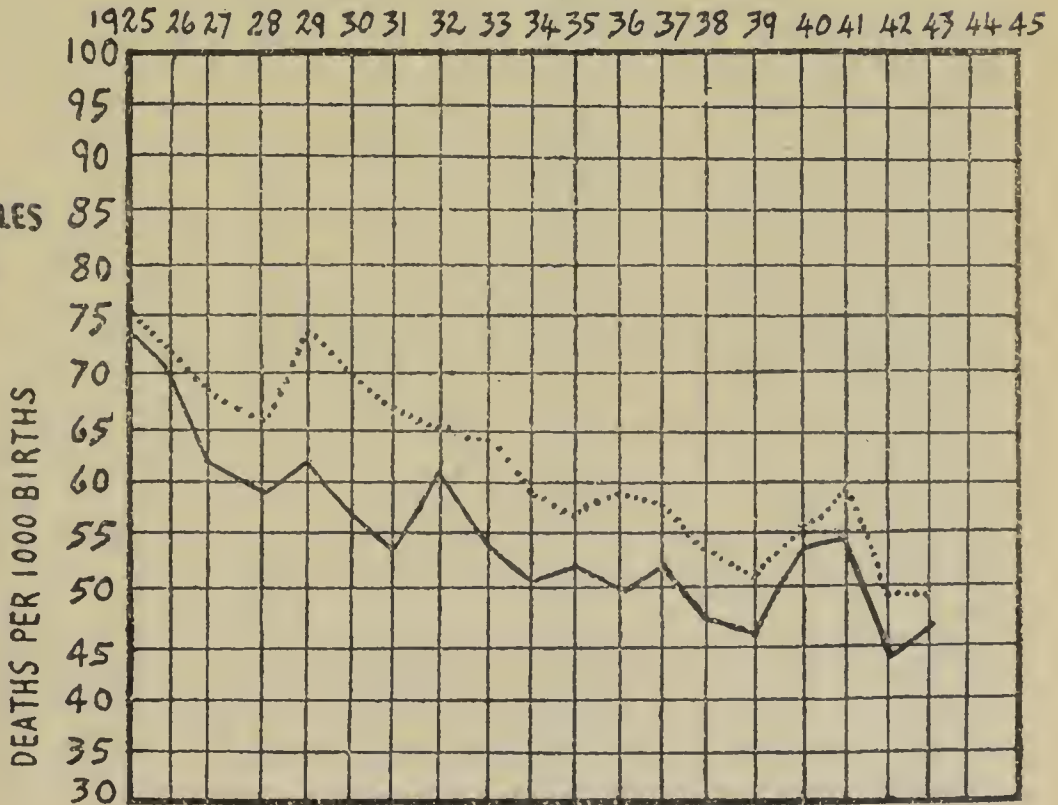
There have been 590 deaths of infants under 1 year in the Administrative County during 1943, i.e., 536 legitimate and 54 illegitimate. These figures show an infantile mortality as follows:—

All infants per 1,000 live births	46.8
Legitimate infants per 1,000 legitimate live births	44.9
Illegitimate infants per 1,000 illegitimate live births	81.6

The figures for recent years are shown in the following diagram:—

INFANTILE MORTALITY

YEARS



Deaths from Puerperal Causes:—

	Deaths.	Rate per 1,000 total (live and still) births.
Puerperal Sepsis	8	.61
Other Puerperal Causes	24	1.85
Total	32	2.46

Section III.-Infectious Diseases, etc.

Number of Cases notified during 1943

	Enteric Fever	Scarlet Fever	Whooping Cough	Diphtheria	Erisipelas	Smallpox	Measles	Pneumonia	Puerperal pyrexia
Alderley Edge U.D.	—	15	17	—	—	—	3	9	—
Alsager U.D.	—	16	9	3	—	—	9	—	—
Altrincham M.B.	1	108	158	5	14	—	91	43	3
Bebington M.B.	—	264	133	67	13	—	209	38	17
Bollington U.D.	—	13	37	—	1	—	49	5	—
Bowdon U.D.	—	14	4	2	1	—	21	2	1
Bred. and Rom. U.D.	—	54	25	16	4	—	141	3	1
Cheadle and Gat. U.D.	—	110	70	24	6	—	129	19	5
Congleton M.B.	—	105	28	5	5	—	190	35	3
Crewe M.B.	—	155	93	128	1	—	294	9	—
Dukinfield M.B.	—	17	118	31	23	—	202	14	1
Ellesmere Port U.D.	—	82	7	325	—	—	283	6	—
Hale U.D.	—	25	31	4	3	—	60	1	—
Hazel Grove and Bramhall U.D.	—	55	47	7	1	—	219	3	—
Hoole U.D.	—	11	5	6	—	—	10	7	—
Hoylake U.D.	—	76	147	30	9	—	147	30	2
Hyde M.B.	—	69	54	4	11	—	122	41	—
Knutsford U.D.	—	20	13	1	—	—	82	1	—
Longdendale U.D.	—	15	16	—	2	—	39	11	—
Lymm U.D.	—	12	18	—	2	—	36	1	—
Macclesfield M.B.	2	119	151	5	11	—	210	55	12
Marple U.D.	—	37	23	—	6	—	49	9	—
Middlewich U.D.	—	35	6	1	3	—	8	6	1
Nantwich U.D.	—	27	34	3	2	—	12	2	1
Neston U.D.	—	16	13	9	3	—	96	1	1
Northwich U.D.	—	17	16	7	5	—	20	6	—
Runcorn U.D.	—	94	13	77	3	—	33	10	2
Sale M.B.	—	132	62	13	3	—	267	16	2
Sandbach U.D.	—	52	31	3	1	—	109	2	1
Stalybridge M.B.	—	51	150	45	22	—	298	28	1
Wilmslow U.D.	—	50	33	5	1	—	126	9	—
Winsford U.D.	—	20	7	2	5	—	87	19	1
Wirral U.D.	—	36	15	43	1	—	88	16	—
Bucklow R.D.	—	42	34	4	—	—	70	6	2
Chester R.D.	1	23	31	8	3	—	63	28	—
Congleton R.D.	1	43	20	4	9	—	70	15	2
Disley R.D.	—	7	1	1	2	—	59	1	—
Macclesfield R.D.	—	51	61	19	1	—	182	14	2
Nantwich R.D.	—	102	119	14	6	—	146	33	1
Northwich R.D.	—	34	30	6	10	—	115	10	1
Runcorn R.D.	—	82	49	16	10	—	181	30	2
Tarvin R.D.	1	38	31	6	7	—	169	55	—
Tintwistle R.D.	—	2	27	1	—	—	8	—	—

TABLE 1.—INFECTIOUS DISEASE OTHER THAN SMALLPOX

Area	County Districts.	Hospital Authority.	Situation of Hospital.	Accommodation		
				Blocks	Wards	Beds
1	Sale M.B. Ald'ley Edge U.D. Hale U.D. Knutsford U.D. Wilmslow U.D. Bucklow R.D. Cheadle and Gatley U.D. Altrincham M.B. <i>b</i> Bowdon U.D. Lymm U.D. <i>c</i>	N. Ches. J.H.B. <i>a</i> <i>a</i> Beds for Districts in Board's Area provided by agreement with Manchester except where indicated <i>b</i> Continues separate provision, also serves Bowdon <i>c</i> Agree. with Warrington	Monsall, Manchester Sinderland Rd., Altrincham. Warrington.	—	—	45 10 34 (As required).
2	Hoole U.D. <i>d</i> Tarvin R.D. <i>d</i>	<i>d</i> Agree. with Chester, including smallpox	Sealand Rd., Chester.	—	—	4 <i>d</i> 8 <i>d</i>
3	Congleton M.B. Alsager U.D. Sandbach U.D. Congleton R.D.	Congleton and District J.H.B. <i>e</i> <i>e</i> Includes Biddulph (6 beds)	West Heath, Congleton.	4	11	45 <i>e</i>
4	Crewe M.B.		Crewe.	4	12	40
5	Runcorn U.D.		Weston Rd., Runcorn.	2	4	32 (including 12 cots).
6	Runcorn R.D.		Preston Brook.	3	9	36
7	Hyde M.B. <i>f</i> Dukinfield M.B. Stalybridge M.B. Bredbury and Romiley U.D. Hazel Grove and Bramhall U.D. Marple U.D. Disley R.D. Longd'd'le U.D. <i>g</i> Tintwistle R.D. <i>g</i>	<i>f</i> All other Authorities have made agreements with Hyde <i>g</i> Provisional agreement only. See also under Table 2.	Back Bower Lane, Hyde.	4	22	50*
				* Shared with Denton, Mossley, Audenshaw and Ashton-u-Lyne, who are entitled to 20 beds		
8	Macclesfield M.B. <i>h</i> Bollington U.D. Macclesfield R.D.	<i>h</i> The other two Authorities have agreements with Macclesfield M.B.	Moss Lane, Macclesfield.	4	10	66 (One cubicle).
9	Nantwich U.D. Nantwich R.D.	Nantwich J.H.B.	Alvaston, Nantwich.	3	6	41 (including 22 cots)
10	Middlewich U.D. Northwich U.D. Winsford U.D. Northwich R.D.	Northwich and District J.H.B.	Davenham.	4	12	50
11	Bebington M.B. Ell'm're P't U.D. Hoylake U.D. Neston U.D. Wirral U.D. Chester R.D.	Wirral J.H.B.	Clatterbridge.	6	15	105

TABLE 2.—SMALLPOX

Area	County Districts.	Hospital Authority.	Situation of Hospital.	Accommodation		
				Blocks	Wards	Beds
1	Sale M.B. Ald't'y Edge U.D. Hale U.D. Knutsford U.D. Wilmslow U.D. Bucklow R.D. Altrincham M.B. Bowdon U.D. Cheadle and Gatley U.D. Lymm U.D. ^b	N. Ches. J.H.B. ^a <i>a</i> Beds for Districts in Board's Area provided by agreement with Manchester except where indicated <i>b</i> Agree. with Warrington	Clayton, Manchester. Warrington.	(As required)		
2	Congleton M.B. Alsager U.D. Sandbach U.D. Congleton R.D. Crewe M.B. ^c	Congleton and District S.P.J.B. <i>c</i> Contracts with Board for 6 Beds	Arclid, Sandbach.	2	2	12
3	Hoole U.D. ^d Tarvin R.D. ^d	<i>d</i> Agree. with Chester	Sealand Rd., Chester.	(As required— see Table 1)		
4	Hyde M.B. ^e Dukinfield M.B. Bredbury and Romiley U.D. Hazel Grove and Bramhall U.D. Marple U.D. Disley R.D. Longd'd'le U.D. ^f Tintwistle R.D. ^f	<i>e</i> All other Authorities (except Tintwistle and Longdendale) have made agreements with Hyde <i>f</i> Hollingworth, Mottram and Tintwistle J.C. <i>g</i> Agree. with Congleton and District. S.P.J.B.	Old Road, Hyde. Carrhouse Lane, Mottram.	2	6	48*
				* Shared with Denton, Droylsden, Stockport & Rochdale who are entitled to 9 beds. See also under Area 5.		
5	Mac'sfield M.B. ^g Bollington U.D. ^g Mac'sfield R.D. ^g			1	2	6*
				* For all infectious disease (Priority to Smallpox)		
6	Nantwich U.D. Nantwich R.D.	Nantwich J.H.B.	Ravensmoor, Nantwich.	1	2	6
7	Middlewich U.D. Northwich U.D. Winsford U.D. Northwich R.D.	Northwich and District J.H.B.	Marbury, Northwich.	3	9	15
8	Runcorn U.D. ⁱ Runcorn R.D. ⁱ	<i>i</i> Agree. with Warrington	Warrington.	(As required)		
9	Bebington M.B. Ellesmere Port Ell'm're P't U.D. Hoylake U.D. Neston U.D. Wirral U.D. Chester R.D.	Wirral J.H.B. ^j <i>j</i> Agree. with Liverpool	Liverpool Port Sanitary Hospital, New Ferry (and others in Liverpool).	(As required)		
10	Stalybridge M.B. ^k	<i>k</i> Member of Ashton, etc. J.S.P.H.B.	Ashton-u-Lyne	(As required)		

AMBULANCES

All cases of infectious disease are dealt with by the ambulances attached to the various Isolation Hospitals.

Apart from infectious cases the following are the arrangements in force in the County (excluding Civil Defence):—

Altrincham Borough	Three motor ambulances.
Bebington Borough	One motor ambulance attached to Port Sunlight Hospital.
Congleton Borough	Two motor ambulances.
Crewe Borough	Three motor ambulances.
Dukinfield Borough	Make use of Hyde Police Ambulance.
Hyde Borough	Three motor ambulances.
Macclesfield Borough	Two motor ambulances
Stalybridge Borough	One motor ambulance.
Alderley Edge Urban	One motor ambulance.
Alsager Urban	Have arrangement with Stoke and Newcastle for use of their ambulances.
Bollington Urban	Have arrangement with Macclesfield Corporation.
Bowdon Urban	Two motor ambulances jointly with Hale.
Bredbury Urban	Arrangement with Hyde and Stockport Corporations.
Cheadle Urban	Two motor ambulances provided by St. John and Red Cross.
Ellesmere Port Urban	Two motor ambulances.
Hazel Grove Urban	Arrangement with Stockport Corporation.
Hoole Urban	Make use of ambulance from Chester Fire Brigade.
Hoylake Urban	One motor ambulance.
Knutsford Urban	Agreement with Altrincham.
Longdendale Urban	Arrangement with Glossop, Hyde, and Stalybridge.
Lymm Urban	Agreement with Altrincham.
Marple Urban	Arrangement with Stockport.
Middlewich Urban	The Urban District makes use of a private ambulance.
Nantwich Urban	Maintain a Red Cross Ambulance jointly with Rural area.
Neston Urban	Agreement with Birkenhead.
Northwich Urban	Imperial Chemical Co. provide their own. Use is made of a private motor ambulance.

Runcorn Urban	Council subsidise a private firm for the use of a motor ambulance.
Sale Borough	Two motor ambulances.
Sandbach Urban	An annual sum is paid for the use of a St. John's motor Ambulance.
Wilmslow Urban	One motor ambulance.
Winsford Urban	Two motor ambulances belonging to St. John's Ambulance Association and Winsford and District Ambulance Brigade. Council subscribe to each Brigade.
Wirral Urban	Have agreement with Birkenhead Corporation.
Bucklow Rural	Agreement with Altrincham.
Chester Rural	Make use of Chester ambulances.
Congleton Rural	Make use of Sandbach ambulances.
Disley Rural	Have services of Stockport ambulance
Macclesfield Rural	Agreement with Macclesfield Borough.
Nantwich Rural	Joint use of an ambulance with Nantwich Urban District.
Northwich Rural	Make use of the ambulances from Northwich and Winsford.
Runcorn Rural	One motor ambulance.
Tarvin Rural	Make use of Chester City Ambulances.
Tintwistle Rural.	Utilise the Hyde ambulance.

The Standing Joint Committee pays an annual sum of £100 for the use of Chester City Ambulances within a 10-mile radius.

The ambulances at Clatterbridge County Hospital serve the districts from which patients are conveyed to that Institution.

Section IV.-Venereal Diseases

The following information is compiled from the returns supplied by the treatment centres used by County patients in 1943:—

Institution.	Persons attending for first time at Out-Patient Clinic suffering from				Total attendances at Out-Patient Clinic.
	Syphilis.	Soft Chancre	Gonorrhoea.	Non-Venereal conditions.	
Ashton-under-Lyne Infirmary ...	10	—	23	30	1168
Birkenhead Clinic ...	—	—	—	1	24
Birkenhead Hospital ...	8	—	27	39	1134
Chester Royal Infirmary ...	39	—	79	35	1638
Liverpool Mill Road Infirmary ...	27	—	1	4	181
Liverpool Royal Infirmary ...	13	—	7	23	798
Liverpool Scamen's Dispensary ...	6	3	14	34	616
Macclesfield West Park Clinic ...	14	—	8	35	637
Manchester Ancoats Hospital ...	2	—	10	16	207
Manchester Ardwick Centre ...	—	—	—	5	9
Manchester Royal Eye ...	5	—	—	1	575
Manchester Royal Infirmary ...	24	—	17	53	973
Manchester Skin Hospital ...	15	—	—	12	703
Manchester St. Luke's ...	7	—	41	92	1443
Manchester St Mary's ...	6	—	12	24	470
Oldham Royal Infirmary ...	—	—	1	—	23
Salford Borough Hospital ...	1	—	11	49	1005
Stockport Clinic ...	7	—	16	47	858
Stoke-on-Trent Clinic ...	1	—	1	15	167
Stoke-on-Trent, North Staffs. Infirmary ...	9	—	18	21	1505
Warrington Borough Hospital ...	4	—	5	2	146
Warrington Infirmary ...	9	—	33	15	1841
TOTALS ...	182	3	324	553	16121

A County Council Clinic at West Park, Macclesfield, began 1/9/43, and figures in respect thereof, for the remainder of the year, are included above (see also page 87).

Section V.-Tuberculosis, etc.

Statistics

The annual tuberculosis returns for the Ministry of Health were in great part eliminated. For the sake of continuity, however, the main figures for the year under review and the two previous years are set out for comparison:—

	1943	1942	1941
New cases notified (primary)			
Pulmonary ...	465	458	518
New cases notified (primary)			
Non-pulmonary ...	220	255	222
	<hr/>	<hr/>	<hr/>
Total ...	685	713	740
	<hr/>	<hr/>	<hr/>
No of cases remaining on Registers of Notifications kept by District M.O's.H., December 31st. ...	5432	5241	5108
No. of Deaths from all forms of Tuberculosis ...	339	302	402
Death-rate from all forms of Tuberculosis per 1,000 of the population	0·46	0·40	0·52
New Applicants for Treatment	448	436	460
No. of Cases on Dispensary Registers, 31st December	5530	5274	5028

The following table shows the number of insured (including discharged service cases) and uninsured persons who have received treatment during the years 1934-43:—

YEAR.	INSURED.		UNINSURED.		TOTAL.
	Males.	Females.	Males.	Females.	
1934	409	187	265	283	1144
1935	423	195	259	304	1181
1936	455	183	277	335	1250
1937	498	208	294	344	1344
1938	487	227	280	347	1341
1939	507	220	244	281	1252
1940	509	209	168	238	1124
1941	490	204	157	222	1073
1942	506	185	151	201	1043
1943	451	193	160	209	1013

Number of new applications for treatment under the County Tuberculosis Scheme during the years 1934-43:—

YEAR.	DIS- CHARGED SERVICE CASES	INSURED.	UNINSURED.	TOTAL.
1934	1	257	241	499
1935	—	267	231	498
1936	—	268	246	514
1937	1	309	298	608
1938	—	281	294	575
1939	1	306	228	535
1940	7	314	193	514
1941	34	263	163	460
1942	34	245	157	436
1943	44	251	153	448

Table relating to Tuberculosis in children under 16:—

Year.	Number of Children notified as suffering from Pulmonary Tuberculosis.	Number of Children notified as suffering from Non-Pulmonary Tuberculosis.	Percentage of Total Notifications.	
			Pulmonary.	Non-Pulmonary.
1934	22	175	4·6	65·1
1935	33	152	6·7	61·5
1936	26	167	5·4	61·2
1937	25	193	5·0	65·7
1938	32	185	6·1	66·8
1939	24	181	5·6	65·4
1940	25	136	5·3	68·0
1941	17	146	3·3	65·8
1942	21	149	4·6	58·4
1943	17	126	3·7	57·3

Beds Occupied.

The number of beds occupied in institutions other than the Cheshire Joint Sanatorium or Wrenbury Hall at 1st April, was as follows:—

Year.	Beds occupied.
1935	205
1936	206
1937	226
1938	229
1939	229
1940	175
1941	174
1942	173
1943	155
1944	148

Statement shewing number of patients who received institutional treatment during 1943:—

Institution	Adults		Child- ren under 16	Total	Average number of beds occupied	Average period in residence		
	Males	Fe- males						
SANATORIA							Wks.	Days
Cheshire Joint Sanatorium ..	188	156	—	344	119·80	18	1	
Wrenbury Hall ..	95	—	—	95	26·71	14	5	
Liverpool Sanatorium... ..	29	40	—	69	23·46	17	5	
Nab Top Sanatorium ..	—	1	—	1	1·00	52	1	
Crossley Sanatorium ..	1	4	—	5	1·47	15	3	
Mundesley Sanatorium ..	—	3	—	3	·91	15	6	
Llanbedr Hall ..	3	—	—	3	·78	13	3	
Middleton Sanatorium ..	1	—	—	1	·38	19	4	
Preston Hall Sanatorium ..	1	—	—	1	·03	1	3	
Total ..	318	204	—	522	174·54	18	5	
PULMONARY HOSPITALS								
Hyde Pavilion ..	79	—	—	79	28·57	18	6	
Baguley Sanatorium ..	9	8	—	17	7·33	22	3	
Hefferston Grange ..	31	22	—	53	16·44	16	1	
Brompton Hospital ..	—	2	—	2	·35	9	1	
Total ..	119	32	—	151	52·69	16	4	
GENERAL HOSPITALS								
Congleton Memorial Hospital	—	1	3	4	·56	7	2	
Albert Infirmary, Winsford ..	1	3	4	8	1·19	7	5	
Stockport Infirmary ..	—	—	1	1	·09	4	6	
Ashton-u-Lyne Infirmary ..	2	4	2	8	·40	2	4	
Macclesfield General Infirmary	3	2	8	13	1·33	5	2	
Manchester Royal Infirmary ..	3	2	2	7	·20	1	4	
Altrincham General Hospital..	—	5	20	25	1·40	2	6	
Liverpool Royal Infirmary ..	—	1	—	1	·04	2	—	
Liverpool Southern Hospital ..	2	1	—	3	·10	1	5	
Warrington Infirmary... ..	—	—	2	2	·06	1	3	
Warrington Boro' General Hos.	1	2	—	3	·35	6	1	
Royal Liverpool (Heswall) ..	—	—	17	17	5·51	16	6	
Royal Liverpool (Myrtle Street)	—	—	1	1	·02	1	1	
Northwich Infirmary ..	—	—	2	2	·10	2	4	
Total ..	12	21	62	95	11·35	4	4	
ORTHOPAEDIC HOSPITALS								
Leasowe Open-Air Hospital ..	—	10	31	41	23·41	29	5	
Oswestry Orthopaedic Hospital	35	21	32	88	35·70	21	1	
Hartshill Orthopaedic Hospital	3	—	9	12	2·47	10	5	
Marple Orthopaedic Hospital	—	—	4	4	1·26	16	3	
Total ..	38	31	76	145	62·84	19	4	
CONVALESCENT HOMES								
Wm. & John Jones Conv. Home	—	—	1	1	1·00	52	1	
Total ..	—	—	1	1	1·00	52	1	
SKIN HOSPITALS								
Manchester & Salford ..	1	1	—	2	·25	6	3	
Total ..	1	1	—	2	·25	6	3	
TOTAL ALL INSTITUTIONS								
	488	289	139	916	302·67	19	5	

Table showing primary notifications and deaths from Tuberculosis since 1st February, 1913, when compulsory notification began in Cheshire.

Year	Primary notifications Form A		Deaths	Death rate per 1,000 population	
1913	..	1224	..	651	.. 1.04
1914	..	1293	..	655	.. 1.05
1915	..	1001	..	677	.. 1.12
1916	..	999	..	677	.. 1.18
1917	..	770	..	671	.. 1.18
1918	..	770	..	744	.. 1.35
1919	..	789	..	592	.. .98
1920	..	892	..	578	.. .92
1921	..	908	..	527	.. .83
1922	..	786	..	550	.. .86
1923	..	850	..	488	.. .76
1924	..	1016	..	512	.. .79
1925	..	883	..	510	.. .78
1926	..	939	..	489	.. .73
1927	..	892	..	488	.. .73
1928	..	932	..	499	.. .74
1929	..	917	..	465	.. .69
1930	..	838	..	438	.. .64
1931	..	802	..	438	.. .64
1932	..	751	..	460	.. .66
1933	..	754	..	389	.. .57
1934	..	765	..	377	.. .54
1935	..	739	..	367	.. .52
1936	..	752	..	348	.. .49
1937	..	799	..	373	.. .52
1938	..	802	..	360	.. .49
1939	..	709	..	358	.. .48
1940	..	674	..	403	.. .52
1941	..	740	..	402	.. .52
1942	..	713	..	302	.. .40
1943	..	685	..	339	.. .46

The 1943 deaths are made up as follows:—

	Male.	Female.	Total.
Pulmonary ..	167	96	263
Non-Pulmonary ..	35	41	76
	<hr/>	<hr/>	<hr/>
	202	137	339
	<hr/>	<hr/>	<hr/>

Death Rates, 1943.

All forms, .458 per 1000 of population.

Pulmonary, .355 per 1000 of population.

Non-Pulmonary, .103 per 1000 of population.

Summary of Notifications during the period from the 1st January, 1943, to the 31st December, 1943

Formal Notifications

Age Periods		Number of Primary Notifications of new cases of tuberculosis											Total (all ages)	Total Notifi- cations
		0-	1-	5-	10-	15-	20-	25-	35-	45-	55-	65-		
Pulmonary	Males	—	3	—	4	27	26	70	66	52	32	9	289	322
„	Females	—	5	1	4	26	40	51	25	16	7	1	176	194
Non-pulmonary	Males	—	25	27	18	9	5	6	8	3	3	4	108	109
„	Females	1	15	24	16	12	10	15	14	3	1	1	112	119

SUPPLEMENTAL RETURN

New Cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the above-mentioned period, otherwise than by formal notification

Age Periods	0-	1-	5-	10-	15-	20-	25-	35-	45-	55-	65-	Total
Pulmonary Males	—	1	—	—	1	7	8	8	14	8	5	52
„ Females	—	1	—	—	3	7	19	4	2	3	2	41
Non-pulmonary Males	2	4	3	2	2	—	1	1	1	2	1	19
„ Females	1	3	4	—	1	3	3	3	2	2	1	23

The source or sources from which information as to the above-mentioned cases was obtained are stated below:—

Source of Information	No. of Cases	
	Pulmonary	Non-Pulmonary
Death { From Local Registrars	—	—
Returns { Transferable deaths from Registrar General	33	10
Posthumous notifications	6	14
“Transfers” from other areas (other than transferable deaths)	3	—
Other Sources	51	18

FINANCIAL ASSISTANCE—Memo. 266/T.

Reference was made in last year's Report to the proposed new Scheme for weekly maintenance allowances, also for discretionary or special awards in certain cases, in accordance with Ministry of Health Memorandum 266/T. This came into force in Cheshire on 6th September, 1943, and during the remainder of the year 87 maintenance and 39 other awards were made by the Care Inter-Sub-Committee, while 11 maintenance and 1 other award ceased.

At the end of the calendar year 1943, there were 76 maintenance allowances and 38 other awards so made to patients in the County.

At the end of the financial year 1943/4, there were 91 maintenance allowances and 47 other awards so made to patients in the County.

COUNTY PUBLIC HEALTH LABORATORY

Specimens examined in the County Public Health Laboratory during the year 1943 for:—

	Neg.	Pos.
<i>Sanatoria—</i>		
Wrenbury Hall	313	156
Borough Hospital, Hyde (Tuberculosis Pavilion)	32	105

Other Institutions—

Clatterbridge Hospital	538	45
Clatterbridge Emergency Hospital	106	2
Arclid Institution	7	1
Altrincham General Hospital	2	1
Barony Institution, Nantwich	2	—
Cranage Hall	1	—
Cottage Hospital, Hoylake	—	1
Children's Orthopaedic Hospital, Marple ...	16	—
Dutton Institution	1	1
David Lewis Colony, Warford	1	1
Ellesmere Port and District Hospital	14	2
Macclesfield General Infirmary	2	—
Northwich Institution	1	—
Port Sunlight Hospital	3	—
Stepping Hill Hospital	22	7
West Park Hospital, Macclesfield	86	14
War Memorial Hospital, Congleton	1	—

Districts outside the County—

Manchester	3	—
Shropshire	2	—
Chester	1	1
Derbyshire	1	—

Total number of Specimens examined during the year 1943—

	Neg.	Pos.
Sputa for T.B. examination (16.3% pos.) ...	3021	591
Pleuritic specimens	19	1
Urines	4	1
Pus	7	—
Hair for Ringworm	5	1
Cultures for Tubercle Bacilli	232	11
Concentration method, Patients' Sputa for T.B.	212	11
Milks, Bulk samples, Microscopic examina- tions for T.B.	154	4
	<hr/> 3654	<hr/> 620
Total number examined	4274	
Milks examined by Reductase Test	13467	
(Failed 1617, Satisfactory 11,850)		
Milks examined by Coliform Test	7044	
Milks examined by Phosphatase Test ...	12	
Milks examined by Plate Count	12	
	<hr/>	
Total number of examinations made ...	24809	
	<hr/>	

Statement giving Particulars of Public Health Laboratory

From Patients for T.B..

YEAR	Sputa		Urines		Glands		Pleural Effusions		Pus.		Hair for Ring-worm		Fæces		Cultures		Total
	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	
1935	637	2058	1	9	..	2	...	...	1	4	3	4	...	2	.	..	2721
1936	545	2086	...	4	...	...	...	4	...	3	...	...	...	2	...	...	2644
1937	577	2327	...	5	...	...	...	5	...	6	3	1	..	1	...	...	2925
1938	688	2333	...	8	...	...	...	3	1	6	...	1	...	3	...	...	3043
1939	602	2192	1	4	1	1	1	6	1	15	...	...	...	1	...	...	2825
1940	634	2496	...	10	...	1	...	18	1	9	...	1	...	1	18	153	3342
1941	594	2571	...	2	...	...	...	16	1	4	11	8	...	1	10	278	3496
1942	549	2774	...	4	...	...	1	9	1	6	4	9	...	...	13	310	3680
1943	591	3021	1	4	...	...	1	19	...	7	1	5	...	...	11	232	3893

Specimens Examined in County during the Years 1935 to 1943

[illegible]

Orthopaedic Clinics

The following table shows the attendances at the Clinics (excluding those made for sunlight treatment only):—

Clinic	On registers 1/1/43	Admitted 1943	Dis- charged 1943	On registers 31/12/43	Attend- ances
Alderley Edge..	3	—	—	3	2
Altrincham ..	5	2	—	7	17
Chester ..	17	4	3	18	81
Congleton ..	12	2	3	11	88
Crewe ..	70	2	10	62	285
Ellésmere Port	8	3	2	9	11
Hoylake ..	4	1	1	4	67
Hyde ..	3	—	—	3	12
New Ferry ..	2	2	—	4	5
Runcorn ..	3	—	2	1	—
Stockton Heath	2	—	2	—	2
Total ..	129	16	23	122	570

Artificial Sunlight Treatment

The following table shows the attendances made at various clinics by tuberculous patients:—

Clinic	On registers 1/1/43	Admitted 1943	Dis- charged 1943	On registers 31/12/43	Attend- ances
Altrincham Hosp.	9	22	12	19	570
Hyde Clinic ..	—	6	4	2	63
Macclesfield Infirmary	1	7	6	2	128
Manchester & Salford Skin Hospital	38	4	5	37	565
Northwich Clinic	1	1	1	1	66
Stockport Infirmary	1	—	1	—	2
Warrington Infirm.	2	5	4	3	19
Total ..	52	45	33	64	1413

Section VI.-Maternity and Child Welfare

(By DR. JEAN R. SHAW)

Area

The County area, for the purpose of the Midwives Acts, comprises the whole of the Administrative County, but for Maternity and Child Welfare excludes the Boroughs of Altrincham, Bebington, Crewe, Hyde, Macclesfield and Stalybridge, also the Urban Districts of Ellesmere Port, Hale and Knutsford.

Number of Midwives in Practice

There were 384 midwives who notified their intention to practise in the County area during 1943.

County Midwives	69
District Nursing Association	117
Monthly Nurses	10
Independent Midwives	70
Midwives living outside the County area	16
In Institutions and Nursing Homes	88
Died	1

There were in addition 13 midwives who did temporary duty in the various areas for District Nursing Associations.

Inspection of Midwives

Visits to District Nurses and Independent Midwives	357
Formal Inspections	274
Enquiries re Stillbirths, Pyrexia and Neonatal deaths	83
Visits paid by Assistant Supervisor of Midwives—	
Inspection of County Midwives	338
Inspection of Independent Midwives	57
(included in above)	
Cases visited—	
Labours	20
Nursings	330
Antenatal	449
Postnatal	69
Lectures to Pupils and Midwives	9

Details of County Midwives' Attendance at Cases

LIVE-BIRTHS.		STILL-BIRTHS.		MIS-CARRIAGES.
With a Doctor.	Without a Doctor.	With a Doctor.	Without a Doctor.	
1521	2207	54	32	143

Some details of midwifery cases of above (cases sent into hospital during and after labour are not included):—

Primiparae 27.4%; Multiparae 72.6%
 Health during pregnancy:—Good, 85%; Fair, 12.5%;
 Poor 2.5%
 Normal Labour (no Doctor required, no laceration of
 perinaeum, etc.), 76%
 Forceps used, 4%
 Perinaeum torn (and repaired), 16.5%
 Puerperium—97.4% normal; 2.6% Doctor called in
 for pyrexia, etc.
 Infants—94% normal; 3% premature births; 2% still-
 births; 1% weakly, deformed, etc. (12 sets of
 twins).

Home Helps

During 1943 home helps have been provided in 78 homes, in the majority of the cases free of cost to the mothers.

Notifications received (Central Midwives Board Rules)

Medical Aid	2380
Stillbirths	52
Laying out of the Dead	27
Source of Infection	54
Artificial Feeding	63

Puerperal Pyrexia, etc.

Forty-seven cases of Puerperal Pyrexia were notified during 1943:—

Puerperal Pyrexia	46
Puerperal Fever	1
Number of above cases already in hospital when notified	14
Sent into hospital	12

Disinfection of midwives in contact with these cases was carried out in 29 cases.

Consultants

In 36 cases the advice and help of a consultant have been obtained for difficulties in labour or any abnormality during the puerperium.

Nursing and Maternity Homes

Number on the Register at the end of 1943	50
Number of inspections during 1943	183
Number of new Homes registered in 1943	4

There have been 2,035 births in the above Homes and 1,001 medical and surgical cases during 1943.

Visits by the Health Visitors

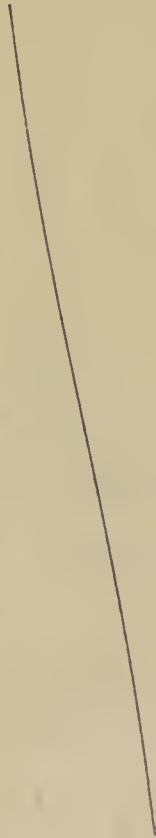
During 1943 the number of visits to notified babies who are one year old has worked out at an average of 6.4 per child in Urban Districts and 7 per child in Rural Districts.

The following is a summary of the visits paid by the Health Visitors during 1943:—

First visits to infants under one year	7954
Revisits to infants under one year	40432
Revisits to children over one year	46394
Visits to expectant mothers	2298

Method of Feeding Babies

The following table shows the method of feeding babies during the first six months and under one year old:—



End of	BREAST.					MIXED.					ARTIFICIAL.				
	1939 %	1940 %	1941 %	1942 %	1943 %	1939 %	1940 %	1941 %	1942 %	1943 %	1939 %	1940 %	1941 %	1942 %	1943 %
1st Month-- Rural ..	66	66	62	60	62	3	2	2	2	2	31	32	36	38	36
Urban ...	70	68	65	61	60	4	3	2	2	1	37	29	33	37	39
2nd Month-- Rural ...	63	62	57	54	60	4	3	2	2	2	33	35	41	44	38
Urban ...	64	60	57	56	57	4	4	3	3	2	32	30	40	41	41
3rd Month-- Rural ...	54	59	53	50	56	6	4	2	3	4	40	37	45	47	40
Urban ...	58	62	52	50	50	4	5	5	4	3	38	33	43	46	47
4th Month-- Rural ...	49	54	50	47	50	8	5	3	4	4	43	41	47	49	46
Urban ...	53	56	47	46	45	6	6	6	5	5	41	38	47	49	50
5th Month-- Rural ...	46	51	44	42	47	9	7	4	4	5	45	42	52	54	48
Urban ...	50	48	44	43	41	7	7	6	5	6	43	45	50	52	53
6th Month-- Rural ...	44	48	43	40	46	10	8	5	6	5	46	44	52	54	49
Urban ...	48	47	42	41	40	8	8	7	6	6	44	45	51	51	54

Health of Infants

The method of feeding till six months and health of children at 12 months old are shown below:—

			Good.		Fair		Poor.
			%		%		%
Breast	{ Rural	...	86	...	13	...	1
	{ Urban	...	84	...	14	...	2
Mixed	{ Rural	...	82	...	16	...	2
	{ Urban	...	80	...	18	...	2
Artificial	{ Rural	...	80	...	16	...	4
	{ Urban	...	80	...	17	...	3

The illnesses from which children between one and two years of age have suffered during the first year of life are shown in the following table:—

		Birth to 3 months.	3 months to 6 months.	6 months to 9 months.	9 months to 12 months.
Total.	%	%	%	%	%
Respiratory Diseases	... 6·8% ...	·6	... 1	... 2·3	... 2·8
Gastro-Enteritis	2% ...	5	... ·4	... ·5	... ·6
Measles	... 2% ...	—	... ·2	... ·3	... 1·5
Whooping Cough	3% ...	·1	... ·4	... 1	... 1·5

Feeding during first 6 months of age:—

Feeding.	Health, 2 years; 4017 children.			Health, 3 years; 3864 children.			Health, 4 years; 3721 children.		
	Good.	Fair.	Poor.	Good.	Fair.	Poor.	Good.	Fair.	Poor.
Breast—	%	%	%	%	%	%	%	%	%
Rural	... 86	13	1	... 86	12	2	... 87	12	1
Urban	... 85	12	3	... 85	13	2	... 80	13	1
Mixed—									
Rural	... 80	17	3	... 82	15	3	... 80	17	3
Urban	... 81	17	2	... 83	15	2	... 80	18	2
Artificial—									
Rural	... 78	18	4	... 83	15	2	... 85	18	2
Urban	... 83	14	3	... 85	11	4	... 81	16	3

Some of the illnesses from which the above children have suffered are as follows:—

	2 years.		3 years.		4 years.
	%		%		%
Respiratory Diseases ...	3	...	2	...	1.5
Whooping Cough ...	4	...	4	...	5
Measles ...	5	...	4	...	6
Scarlet Fever ...	.1	...	.6	...	5
Diphtheria ...	—	...	—	...	.2

Signs of Rickets were noted in 2.6% of the children between 1—4 years of age; 2.3% slight, .3% marked.

Stillbirths

The following table gives some particulars of 67 stillbirths (35 males, 32 females) that have been enquired into:—

“Born before arrival” ...	6
Prolapse of cord ...	2
Cord round neck ...	3
History of Albuminuria ...	4
Ill-health of mother ...	4
Malpresentation or difficult labour ...	23
Shock or accident ...	6
Antepartum Haemorrhage ...	4
Malformations ...	11
Cause unknown ...	4

Twenty-nine of above cases occurred in first births. In 6 cases there was a previous history of one or more miscarriage or stillbirth, and in 1 of the 6 cases the stillbirth occurred in the second pregnancy. Seven of the mothers had worked in a factory and 6 others had followed other occupations. Four of the above stillbirths were of illegitimate birth.

Among the malformations there were 2 spina bifida cases and 4-anencephalic monsters.

Of the 67 cases premature birth was recorded in 19 cases.

Neonatal Deaths

The following table gives particulars of deaths of 98 infants under one month old—61 males and 37 females (70% occurred during 1st week, 16% in 2nd week, 10% in 3rd week, and 4% in 4th week):—

Premature Birth	36
Atelectasis	1
Difficult labour	7
Feebleness	18
Convulsions	5
Malformation	12
Internal haemorrhage	5
Bronchitis	1
Pneumonia	2
Congenital Heart Disease	4
Asphyxia	2
Pemphigus	1
Natural causes (inquest)	1
Jaundice	2
Shock (circumcision)	1

Four of the mothers had been working in a factory during pregnancy. Three others had followed other occupations. Five of the children were of illegitimate birth. Among the above there were 4 twin pregnancies (none of the infants survived). Malformations included 5 cases of spina bifida, and 1 case of an anencephalic monster.

Ophthalmia

There have been 42 cases of inflammation of or discharge from the eyes of new-born babies.

Thirty-three of the cases were only slight. Six of the cases were notified as Ophthalmia Neonatorum.

The following is a description of the slight cases:—

One eye affected	19
Both eyes affected	14

Severe cases:—

One eye affected	2
Both eyes affected	4

One of the above cases was treated in Hospital and 5 attended by Health Visitors. All the cases made good recoveries.

Illegitimate Children

Special enquiries have been made into the circumstances of 175 illegitimate children born during 1943. In 78 cases the mother was employed. One hundred and fifty-seven of

the cases were found to be quite satisfactorily cared for. Thirteen were only fairly satisfactorily and 3 unsatisfactorily attended; 2 died.

The father was known to be contributing in 51 cases. In 99 cases no such contribution was received.

Seventy of the cases were brought up by the mother, 75 principally by the grandmother, 8 by other relatives, 2 by a neighbour, 5 went into institutions, 13 were adopted.

Maternal Mortality (per 1,000 live and stillbirths)

The maternal mortality rate for 1943 was 2.46, being .61 for puerperal sepsis, and 1.85 from other causes.

Maternity Hospitals and Homes

During 1943 there have been 595 mothers who, through the help of the County Maternity and Child Welfare Committee, have had their confinements in a Maternity Hospital or Home. (For confinements in Clatterbridge and West Park County General Hospitals see pp. 77 and 90).

The confinements have taken place in the following Institutions:—

Ashton-under-Lyne District Infirmary	5
Chester Maternity Home	267
Cleveland House, Wolverhampton	1
Crewe Maternity Home	7
The Garth, Neston	10
Glossop Maternity Home	3
Hope Hospital, Pendleton	1
Liverpool Maternity Hospital	46
Longton Cottage Hospital	20
St. Mary's Hospital, Manchester	175
Sale War Memorial Hospital	33
Salvation Army Home, Liverpool	1
Southfields, Bowdon	7
Warrington Borough (Victoria Park)	17
Widnes Maternity Home	2

Maternity Homes and Hostels for Evacuees

STRETTFORD EVACUATION SCHEME

Southfields Maternity Home, Bowdon

There were 240 admissions to this Home during 1943.

Hostel for Expectant Mothers, Denzell House, Bowdon.

Two hundred and twelve expectant mothers were admitted during 1943 from Stretford (3 confinements).

WALLASEY EVACUATION SCHEME

The Garth Maternity Home, Neston

There were 75 admissions during 1943 (3 Bebington and 15 Runcorn cases included).

Hostel for Expectant Mothers and their under five year old Children, Ashburton House, Parkgate

Seventy-one expectant mothers were admitted during 1943, and 18 children.

Infant Life Protection

No. of Foster Parents on the Register (1943) ... 55

No. of Children on the Register (1943) ... 87

There were 2 deaths (no inquests).

Antenatal and Postnatal Clinics

		Number of Sessions	Number of Expectant Mothers	Number of Attendances	Number of Post-Natal Cases	Number of Attendances
Congleton	—	24	128	260	45	73
Hoole	—	12	69	141	19	22
Runcorn	—	52	513	1672	71	57
Sale	—	24	195	742	23	33

During 1943 there were 1,714 expectant mothers examined by their own doctors under the County Schemes.

Dental Report, 1943

Expectant mothers inspected	98
Expectant mothers treated	90
Attendances	243
Permanent teeth extracted	509
Permanent teeth filled	47
Dentures fitted	56
Teeth scaled	12
Other operations	—

LIST OF INFANT WELFARE CENTRES, 1943.

Centre.	Weekly or Fortnightly.	Day of Centre.	Consul- tations held.	Average Attend- ances.	Total Attend- ances.
Alderley Edge ...	Weekly	Friday	415	33	1691
Alsager ...	Fortnightly	Tuesday	498	44	1148
Bollington ...	Fortnightly	Thursday	479	45	1121
Bowdon ...	Fortnightly	Thursday	359	24	613
Bredbury ...	Weekly	Tuesday	1043	49	2471
Cheadle ..	a.m. & p.m.				
Cheadle Hulme ...	Fortnightly	Tuesday	616	63	2428
Congleton ...	Fortnightly	Tuesday	519	59	1406
Congleton ...	Weekly	Monday	1085	49	2262
Disley ...	Fortnightly	Tuesday	339	25	644
Dukinfield ...	Twice weekly	Wednesday &	1874	61	6214
	a.m. & p.m.	Thursday			
Frodsham ...	Fortnightly	Tuesday	434	55	1470
Grappenhall ...	Fortnightly	Monday	292	65	1574
Greasby ...	Fortnightly	Tuesday	---	18	431
Haslington ...	Fortnightly	Tuesday	107	29	725
Hazel Grove ...	Weekly	Thursday	698	65	3200
Heswall ...	Fortnightly	Monday	274	76	1835
High Lane ...	Fortnightly	Tuesday	389	29	765
Hollingworth ...	Fortnightly	Thursday	200	61	1602
Hoole ...	Weekly	Tuesday	1095	74	4521
Hoylake ...	Weekly	Thursday	589	64	3009
Lymm ...	Weekly	Tuesday	402	34	1663
Ludworth, Mellor and District	Fortnightly	Thursday	459	42	1094
Malpas ...	Fortnightly	Monday	237	9	239
Marple ...	Weekly	Wednesday	918	61	3183
Middlewich ...	Weekly	Monday	1314	31	1509
Mobberley ...	Fortnightly	Tuesday	690	26	690
Nantwich ...	Weekly	Thursday	591	54	2817
Neston ...	Weekly	Thursday	498	44	2399
Northwich (Rural)	Weekly	Thursday	1006	39	2032
Northwich (Urban)	Weekly	Tuesday	1253	50	2553
Partington ...	Fortnightly	Thursday	246	22	572
Poynton ...	Fortnightly	Thursday	531	54	1407
Romiley ...	Weekly	Thursday	643	29	1509
Runcorn ...	Weekly	Wednesday	1407	43	4239
	a.m. & p.m.				
Sale ...	Weekly	Tuesday & Thursday	3109	62	7059
Sandbach ...	Weekly	Tuesday	1296	37	1900
Scholar Green ...	Fortnightly	2nd & 4th Wednesday	281	18	424
Stockton Heath...	Fortnightly	Monday	519	50	1199
Tarporley ...	Fortnightly	Thursday	359	27	711
Utkinton ...	Fortnightly	Thursday	—	19	300
Weaverham ...	Fortnightly	Tuesday	419	28	730
Wilmslow ...	Weekly	Thursday	1194	50	2577
Winsford ...	Weekly	Friday	835	20	1033
Handforth ...	Fortnightly	2nd & 4th	220	35	385
(Opened 1943)		Monday			
Irby ...	Fortnightly	Monday	44	19	177
(Opened 1943)					

Artificial Sunlight Treatment

The following table shows the attendances made at the various clinics by non-tuberculous patients:—

Clinic.	Patients at 1/1/43	Admitted during 1943	Discharged during 1943	Patients at 31/12/43	Attend- ances at Clinics
Hyde Clinic ..	3	8	4	7	156
Northwich Clinic	—	1	1	—	3
	3	9	5	7	159

Orthopædic Scheme

The Orthopædic Scheme includes treatment for all orthopædic conditions occurring in children under 5 years of age. During 1943 there were 1,895 attendances of 419 patients (non-tuberculous) at the Clinics, and 48 cases received institutional treatment.

The following table shows the attendances made at the various Orthopædic Clinics (excluding those for Sunlight only).

Clinic.	Patients at 1/1/43	Admitted during 1943	Discharged during 1943	Patients at 31/12/43	Attend- ances at Clinics
Alderley Edge ..	32	25	12	45	226
Altrincham ..	33	8	27	14	169
Chester ..	6	3	2	7	24
Congleton ..	17	14	9	22	108
Crewe ..	54	42	25	71	282
Ellesmere Port ..	2	2	2	2	6
Hoylake ..	23	15	15	23	260
Hyde ..	3	3	—	6	10
New Ferry ..	1	—	1	—	1
Northwich ..	1	1	1	1	74
Runcorn ..	50	44	31	63	490
Stockton Heath..	28	12	27	13	245
	250	169	152	267	1895

Institutional Treatment

48 children received institutional treatment during 1943—28 boys and 20 girls. Of these, 25 were orthopaedic cases, and 23 medical and surgical cases.

The following table shows the hospitals and clinics where treatment was carried out, and the conditions from which the children were suffering.

	M. & C. W. 1943	Orthopaedic Hospital Hartshill	Children's Hospital, Heswall	Hospital for Children, Leasowe	Duchess of York Babies Hospital, Manchester	Children's Orthopaedic Hospital, Marple	Orthopaedic Hospital, Os-westry	Total
Orthopaedic	Boys	4	3	7	10	1	3	28
	Girls	1	2	3	4	1	9	20
	Arthritis	1	..	..	..	..	..	1
	Bow Legs .. ..	..	..	..	..	..	..	1
	Club Foot	2	..	..	..	..	..	3
	Finger Deformity of	..	..	..	..	..	..	1
	Hip Dislocation ..	..	..	2	..	..	6	8
	Perthes Disease ..	..	..	..	..	..	1	1
	Poliomyelitis .. ..	..	..	..	..	1	..	2
	Rickets .. .. .	..	1	3	..	1	..	5
	Spina Bifida	2	..	..	..	..	..	2
	Still's Disease .. ..	..	..	..	..	..	1	1
Various Medical and Surgical	Anorexia .. .. .	..	..	1	1	..	..	1
	Bronchitis .. ..	..	..	..	2	..	..	1
	Cleft Palate .. ..	..	..	1	..	..	..	2
	Coeliac Disease ..	..	..	3	..	..	..	1
	Debility .. .. .	..	3	..	..	..	..	6
	Dyspepsia .. .. .	..	..	..	1	..	..	2
	Enteritis .. .. .	..	..	..	2	..	..	1
	Haemophilia .. ..	..	..	..	1	..	..	1
	Hydrocephalus ..	..	..	..	1	..	..	1
	Leukaemia .. .. .	..	..	..	1	..	..	1
	Malnutrition .. ..	..	..	..	1	..	..	1
	Marasmus .. .. .	..	1	..	1	..	..	2
	Meningocele .. ..	..	..	..	1	..	..	1
	Pneumonia .. .. .	..	..	..	1	..	..	1
	Pyloric Stenosis ..	..	..	..	1	..	..	1

Section VII.

Milk (Special Designations) Order, 1936

At the time of writing this report there were 3182 Accredited and 119 Tuberculin Tested Milk licences in force in the County.

For some considerable time, upon a routine visit being paid to a dairy farm, where conditions appeared suitable, endeavour has been made to interest the farmer in advancing from Accredited to Tuberculin Tested Milk production and a most satisfactory feature of the past year has been the steady increase in the number of applications for licences to produce T.T. milk.

The responsibility of a licensing authority can not be said to end with ensuring that the milk is produced in a cleanly manner and complies at all times with the prescribed standards, and considerable thought has been given during the year to ensuring that the condition in which the milk of producer-retailers reaches the public is satisfactory.

It is realised that bottles in which milk is delivered can be a great source of danger, as for instance milk bottles returned from infected homes being filled with milk and re-distributed again without adequate sterilisation.

This being so, where a producer applies for a licence to bottle his milk for sale as Accredited or T.T., evidence is required of the efficiency of his bottle-washing methods. This is obtained by submitting washed bottles, taken at a surprise visit, to bacteriological examination. It may be stated in this connection that in actual practice remarkably low counts have been obtained (few exceeding 200 bacteria per bottle) while in the case of one small T.T. producer who washes his bottles personally and sterilises the crates of bottles for 20 minutes, complete sterility of bottles tested has been obtained.

The question of steam sterilisation of bottles is very important, the bacterial count seeming to vary inversely with the sterilising period. To ensure consistent results, pressure sterilisation should be insisted upon for all bottling establishments.

Since the efficiency of any bottle-washing process depends upon the intelligent use by the operative of the necessary apparatus and solutions, regular inspection and routine testing is necessary.

Many cow-sheds have been re-conditioned during the year and not a few major works of conversion undertaken. Where possible, in all re-construction work head-to-head tyings are being avoided, a single unit shippon, or tail-to-tail tying, being obtained.

Thus spray infection of one animal by another is eliminated, with obvious advantages, particularly in relation to tuberculosis.

The co-operation of the local Sanitary Inspector with the County officials has never been higher and much good work has been done as a result of joint visits to farms. This is most satisfactory and cannot fail to benefit all concerned with the production of clean milk.

The Divisional Inspector of the Ministry of Agriculture, Mr. E. R. Corrigan, has continued to give every possible assistance, and the most cordial relations prevail with his Department.

Section VIII.-Food and Drugs Act, 1938.

The Chief Inspector of Weights and Measures (Mr. Stacey Hallard) briefly reports on the work of his Department, so far as it relates to the sampling of foods and drugs, within the area for which the County Council is the "Food and Drugs Authority," i.e., the whole of the Administrative County of Cheshire excepting the Municipal Borough of Crewe, as follows:—

A total of 1,885 samples, covering all the various classes of food and drugs usually found displayed for retail sale, were obtained and submitted to the Public Analyst for analysis during the year ended 31st December, 1943. Of this total 1,149 were milk samples purchased from retailers in the street, or in shops, at the same time that ordinary customers were being supplied, or on the other hand the samples were taken from churns during transit from farmers to milk factories. It should be noted here that it is lawful for a Sampling Officer to purchase or take samples of foods, notwithstanding any restriction upon the purchase or obtaining of such article of food contained in any Order under the rationing schemes. Of these milks 145 failed to reach the standard laid down in the Sale of Milk Regulations in respect of a deficiency in one or other constituent. In 45 instances there was conclusive evidence of the presence of extraneous water (varying from a minimum of 1.9 up to as high as 33.1 per cent.), although the position is a considerable improvement on the previous year when 189 milks were non-standard, of which 73 contained added water. When considering such figures one must keep clearly in mind the fact that milk samples can be perfectly genuine though of non-standard quality, and it is in this category that practically two-thirds of the milks certified against during the year under review can be placed. A number of these milks were deficient in non-fatty solids, whilst others were deficient in fat, and in two cases the deficiency in the latter constituent was so serious that legal proceedings were instituted and resulted in a penalty of £5. 9s. 6d. for a deficiency of 34.6 per cent. and £3. 11s. 6d. for a 29.3 per cent. deficiency. In all, 30 summonses were issued in respect of the "watered" milk samples and resulted in penalties amounting to £216. 14s. 0d.

Regarding samples other than milk—of the 736 obtained only 12 were certified against; these, with the result of analysis shown in parenthesis, concern the following articles:—

Onion Flavouring (water containing a negligible quantity

of onion juice)—This was an informal sample purchased from a retailer and was as supplied by a manufacturer against whom convictions had been obtained in the previous year.

Raspberry Vinegar and edible Nut Olive Oil (comprised of approximate equal proportions of "raspberry vinegar" and edible arachis (nut) oil; the title "Nut Olive" is without meaning and there was no available evidence of any significant proportion of Olive Oil associated with the arachis oil)—See corresponding sample below.

Lime Juice Cordial (33.3 per cent. deficient in Sugar and devoid of saccharin)—See next sample which was taken formally.

Lime Juice Cordial (33.3 per cent. deficient in Sugar and devoid of saccharin)—As this sample contravened an Order of the Ministry of Food full particulars were sent to such Ministry.

Raspberry Vinegar and Edible Nut Olive Oil (Raspberry Vinegar and Arachis (Edible Nut) Oil, the latter containing, at most, a trifling proportion of Olive Oil)—The manufacturers of this article were cautioned.

Tincture of Iodine (24 per cent. deficient in Iodine and 56 per cent more Potassium Iodide than required)—Trouble was due to a badly fitting stopper causing undue volatility.

Double Strength Seidlitz Powder (deficient in Tartaric Acid to extent of 24 per cent. and deficient in Sodium Bicarbonate to extent of 20 per cent.)—This sample was found to have deteriorated due to having been in retailer's shop for over two years.

Gelatine (Industrial Gelatine containing 117 parts per million of zinc; moreover, the sample had not the "setting" properties claimed in the "Directions for use")—See next sample.

Gelatine (Industrial Gelatine malodorous and of inedible quality, containing 150 parts per million of zinc; moreover, the sample had not the "setting" properties claimed in the "Directions for use")—Manufacturers prosecuted.

Tincture of Iodine (14 per cent deficient in Iodine)—Informal sample; it was not possible to obtain a corresponding formal sample.

Edible Gelatine (contains 550 parts per million of zinc)—See next sample.

Edible Gelatine (Industrial Gelatine of inedible quality containing 650 parts per million of zinc)—Firm in liquidation; prosecution not possible.

By far the most serious of these samples and, incidentally, the only instance in which it was either practicable or possible to take legal proceedings, concerns the Gelatine. Although four samples are shown they relate to only two manufacturers. In each case the usual procedure of purchasing an informal sample at a retailer's shop, unknown to the retailer, was adopted. Then, as soon as the preliminary report had been received from the Public Analyst intimating that the sample would be certified against, another purchase, carrying out all the formalities of the Act, was made from the same shop. In one instance this was followed by legal proceedings being instituted against the manufacturer of the gelatine who, as a result, had to pay fines totalling £32 and costs of £54 on the several summonses issued. In the second instance it was found, upon taking preliminary steps with a view to the issue of summonses, that the Manufacturing Company had gone into liquidation, probably as a result of a prosecution which it was known had been taken against the firm by another authority some months previously.

In connection with all the other non-standard samples cautionary letters were sent or other appropriate action was taken as shown against each sample.

It is pleasing to record that for the first time since the outbreak of the present war, the steady and disturbing rise in the number of non-standard samples seems, after reaching a peak in 1941 and 1942, to be on the decline, as the following comparable figures show:—

1938	5.4 per cent.
1939	6.5 per cent.
1940	9.0 per cent.
1941	11.5 per cent.
1942	11.5 per cent.
1943	8.3 per cent.

Section IX. Mental Deficiency

Particulars of Mental Defectives as on 31st December

A. Number of Cases "Subject to be dealt with":—

1. Under "Order":—

		1943			1942	
		M.	F.	T.	M.	F.
(a) (1) In Institutions (excluding cases on Licence)—						
Under 16 years of age ..	28	27	55	27	26	
Aged 16 years and over ..	165	156	321	158	153	
(2) On Licence from Institutions—						
Under 16 years of age ..	—	—	—	—	—	—
Aged 16 years and over ..	18	13	31	16	13	
(b) (1) Under Guardianship (excluding cases on Licence)—						
Under 16 years of age ..	—	—	—	—	—	—
Aged 16 years and over ..	1	—	1	1	1	
(2) On Licence from Guardianship—						
Under 16 years of age ..	—	—	—	—	—	—
Aged 16 years and over ..	—	—	—	—	—	—

2. In "Places of Safety":—

Under 16 years of age ..	—	—	—	—	—
Aged 16 years and over ..	—	1	1	—	—

3. Under Statutory Supervision .. 481 446 927 457 430

4. Action not yet taken under any of the above headings (in receipt of Poor Law Relief, domiciliary) .. 37 51 88 — —

B. Number of Cases who may become "Subject to be dealt with":—

(1) In Institutions or under Guardianship—dealt with under Sec. 3:—

(a) In regard to whom the Local Authority contributes under its permissive powers		—	2	2	—	2
(b) Maintained wholly by parents, relatives or others		29	8	37	29	81

(2) Reported to the Local Authority from any reliable source, but as to whom no action has been taken — — — — —

(3) Under Voluntary Supervision — — — — —

Ascertainment

The methods of ascertainment are the same as in previous years. Every effort is made to obtain particulars of all mental defectives in the County. Health Visitors, District Nurses, Relieving Officers, Head Teachers, parents and various officials report cases, and all persons whose work makes defectives known to them are well aware of the Authority to which information should be supplied.

**Provision of Institutional Accommodation (Excluding Cases
on Licence) at 31st December**

	M.	1943 F.	T.	M.	1942 F.	T.
<i>Institution for Defectives provided by the State—</i>						
Rampton State Institution, Retford	—	1	1	—	1	1
<i>Institution provided for Defectives by Cheshire Joint Board—</i>						
Cranage Hall	86	114	200	81	114	195
<i>Institution provided for Defectives by Cheshire County Council—</i>						
Mary Dendy Homes, Alderley Edge.. ..	47	26	73	42	26	68
<i>Institution provided for Defectives by other Local Authority—</i>						
Calderstones (Lancashire Mental Hospitals Board)	3	—	3	3	—	3
<i>Other Certified Institutions for Defectives—</i>						
Besford Court, Worcester	—	—	—	—	—	—
Brentry Colony, Bristol	4	—	4	4	—	4
Dovecot, Knotty Ash, Liverpool	—	2	2	—	2	2
Gillibrand Hall, Chorley	—	1	1	—	1	1
Hillside, Buntingford	1	—	1	1	—	1
Lisieux Hall, Chorley	1	—	1	1	—	1
Pontville R.C. Inst., Liverpool	—	—	—	—	—	—
Princess Christian's Farm Colony, Hilden- borough, Kent	—	1	1	—	1	1
Royal Albert Institution, Lancaster	4	5	9	4	7	11
Royal Earlswood Institution, Redhill.. ..	1	—	1	1	—	1
St. Mary's Home, Alton	—	1	1	—	1	1
St. Raphael's Colony, Brentford	1	—	1	1	—	1
Stoke Park Colony, Stapleton, Bristol ..	12	11	23	13	11	24
Swinton Home, Manchester	—	2	2	—	3	3
Totterdown Hall, Weston-super-Mare	—	1	1	—	—	—
Whittington Hall, Chesterfield	—	2	2	—	2	2
<i>Certified Public Assistance Institutions—</i>						
Arclid House, Sandbach (Cheshire C.C.) ..	31	8	39	32	7	39
The Lodge, Caersws (Montgomeryshire C.C.)	1	3	4	—	1	1
Seafeld House, Seaforth (Lancashire C.C.)..	—	2	2	2	—	2
Ashton House, Birkenhead (Birkenhead C.B.)	—	4	4	—	3	3
Total	192	184	376	185	180	365

For detailed information on the Mary Dendy Homes see Section XI.

Guardianship

At the 31st December, 1943, there was 1 case under Guardianship, as compared with 2 at the end of 1942. All necessary care is exercised in the approval of Guardians, and in suitable cases the provisions of Section 30 (e) of the 1913 Act have been utilised.

Supervision

Statutory supervision is carried out by the County Health Visitors, who visit each case several times during the year and report quarterly on their visits. There were 927 cases so supervised at 31.12.43, compared with 887 at 31.12.42.

Occupation Centres and Home Training

There are no occupation centres in the County, which is mainly rural in character.

No provision has been made for Home Training.

Licence, Discharge and After-Care

At the end of 1943 there were 31 cases on licence from Institutions and none on licence from guardianship, as compared with 29 and none at 31.12.42. The care exercised in the selection of cases and regularity of visitation has resulted in the success of the Council's policy under this heading.

Three cases who had been on licence from an Institution were discharged during the year under review.

Section X.-Welfare of the Blind

General

The requirements of the Blind Persons Acts, 1920-38, are met by the Council in its revised Scheme for the Welfare of Blind Persons, dated May, 1931. The provisions of this Scheme are executed, subject to the general administrative supervision of the Blind Persons Inter-Sub-Committee of the Council, by the Blind Welfare Societies at Chester, Ashton-under-Lyne and Macclesfield, which receive annual grants in accordance with the Scheme of the Minister of Health under the Local Government Act, 1929. The closest co-operation is maintained with these Societies, and the various services rendered by them continue to be entirely satisfactory.

Certification

To ensure that no person's name is placed on the register without the certificate of a medical practitioner with special experience in ophthalmology, all applicants are examined by the County Oculists. Those who wish may be examined a second time under the Medical Referee Service—conducted jointly with the Northern Counties Association—by independent Medical Referees.

Statistics

Number of Registered Blind Persons in the County at
31st March

	1943
Under 5 years	2
5—16 years	18
16—21 years	14
21—40 years	113
40—50 years	95
50—65 years	272
65—70 years	146
70 years and over	474
Unknown age	4
Total	1138

Registered Blind Persons in County, aged over 16 years, employed,
or otherwise, at 31st March

	1943
Employed { in Workshops & Workrooms ..	30
{ as Home workers	23
{ variously	36
Unemployed	1020
Undergoing Training	7

Workshop Employees

Annual grants were continued at a fixed rate per head to recognised Workshops for Cheshire employees. A "minimum wage" principle has been adopted for certain workers, their income being made up to a fixed amount. On this principle there were 2 male employees at Henshaw's and 1 at Stockport, at the end of 1943, while on the fixed rate system there were 3 males at Liverpool, 2 females at Henshaw's, and 1 at Stockport.

Home Workers

The three voluntary societies arrange for the employment at home of those capable of it. Augmentation of 20/- weekly is given by the Council to all County approved Workers, who numbered 33 at the end of 1943.

Homes Residents

Annual grants in accordance with the Local Government Act Scheme are paid to several organisations, subject to the same services continuing to be rendered on behalf of Cheshire residents in Homes for the Blind; additional capitation grants of £13 a year are made for new entrants, whose maintenance charges are also paid by the Committee if necessary. At the end of 1943, there were 6 Cheshire residents being so maintained in the Homes of the Manchester and Salford Society and 6 in the Homes of Henshaw's Institution.

National Library for the Blind

Grant at the rate of £50 a year was made in 1943 to the National Library for the Blind on behalf of each of 4 Cheshire Home Workers who were Blind Copyists for its northern branch, apart from an annual grant of £300 for general services, which are used by over 100 Cheshire residents.

Other Services

The usual annual grants were continued in 1943 to the National Institute for the Blind and the Northern Counties Association for their respective national and regional services.

Wireless Certificates

81 Certificates entitling the recipients to a free wireless licence were issued in 1943 to applicants on the register.

Necessitous Blind

In its Scheme under the Local Government Act, 1929, the Council made a declaration that all domiciliary

assistance to necessitous blind persons should be henceforth provided by virtue of the Blind Persons Act and not as Poor Relief. The Council's revised Scheme for Domiciliary Assistance, dated April, 1938, provided that the weekly income of every adult registered blind person be increased where necessary to 25/-, and that of a married blind couple to between 30/0d. and 45/0d., according to circumstances, and that such persons might be eligible for extra grant on account of dependants. The scale became subject to a war bonus of 2/6d. from 16.5.40, a second 2/6d. from 21.5.42, and a third 2/6d. from 6.1.44.

In 1943 grants were made by the Blind Persons Inter-Sub-Committee in 177 cases, and withheld in 4. Grants reported as ceased, owing to death of recipient, or otherwise, numbered 141.

At the end of the calendar year 1943, there were 729 weekly grants so made to blind persons in the County.

At the end of the financial year 1943-44, there were 724 weekly grants so made to blind persons in the County.

Section XI.-County Institutions

REPORT OF THE MEDICAL SUPERINTENDENT OF CLATTERBRIDGE COUNTY HOSPITAL

General

In view of the rapid expansion of the work at the Hospital in recent years, I have asked visiting consultant staff to contribute reports on their departments. I am not necessarily in agreement with the views they express. These reports follow the statistical appendix, from which a general view of the work done can be gained.

The number of patients admitted from the County area has again greatly increased, and this increase has affected practically all branches of the work done. There has been an increased use of the diagnostic facilities offered by the Hospital both by in-patients and out-patients. Part of the increase of admissions is probably due to war-time difficulties in the patients' homes; this is noticeable among cases of chronic and incurable illness. Twenty-four patients have been in hospital for one year or more. I understand that there is no accommodation elsewhere in the County for such patients.

Maternity Work

In view of the continuing increase of work application has been made to the Central Midwives Board for the establishment of a training school for midwives at Clatterbridge. At the time of writing no decision had been reached by the Board.

Mental Work

The Board of Control have intimated that they do not consider that mental cases should be admitted to Clatterbridge. Admissions of such cases were, therefore, stopped, but after a month the difficulty of accommodating such cases elsewhere led to further admissions here.

Out-Patient Department

Attention is drawn to the large numbers of persons treated here.

Deaths

The total deaths have increased this year; 45 of these deaths occurred within 24 hours of admission and 149 occurred in patients over the age of seventy. Deaths from cancer have

almost exactly doubled—111, as compared with 56 in the previous year. In very few of these cases was any curative treatment attempted, the disease being advanced too far. In each of the disease groups of the classification given in Table 4, the proportion of deaths to total patients treated is closely similar to that found last year.

Staff

I regret to have to record the death of Mr. T. Christopher during the year. He held the position of Gate Porter to the Institution and Hospital for the last 20 years.

The total staff regularly employed whole and part-time was 496 on 31st December, 1943. This number includes both County and E.M.S. Staff, together with those at the Manor Hospital. Of these 264 were nursing staff. The medical staff numbered 17. In addition I have from time to time called in Dr. Stopford Taylor, dermatologist; Miss Forshall, surgical cases in infants; and Mr. Alan Kerr, surgery of the brain. Staff sickness has at times been heavy, particularly among non-resident staff. Resident and non-resident nursing staffs are approximately equal in numbers and physique, but resident nursing staff had 1,534 days of sickness as against 3,315 days of sickness by the non-resident nursing staff. The most important differences between the two groups were in influenza, tonsillitis, bronchitis, skin trouble and rheumatism.

Training School for Nurses

We have been unable to fill the vacancy for an Assistant Sister Tutor. The number of student nurses was increased to 99 at the beginning of the year.

State examination results were:—

Preliminary Examination—36 entered; 21 passed; 10 passed part.

Final Examination—29 entered; 21 passed; 6 passed part.

The usual annual prizes were presented on the 1st September.

The prize winners were:—

Nurse Saint—Gold medallist (3rd year).

Nurse McClement Williams—Silver medallist (2nd year).

Nurse J. Thomas—Bronze medallist (1st year).

Rehabilitation

The application of the Tomlinson report would mean the provision of further buildings, and the employment of more

masseuses, and of one or more occupational therapists. In many hospitals the buildings used for this purpose are wooden huts.

Library

The Library Service continues to be provided by Mrs. Threlfall and Mrs. Hall and their Lady Assistants. This very valuable service made no less than 9,556 issues to patients during the year 1943. The Library comments from time to time on how keen patients are to have additions to the Library stock of recent technical works.

Statistics relating to the year ending 31st December, 1943

IN-PATIENTS

TABLE 1 (a)

(These figures do not include Service cases or Air Raid casualties, but do include other categories of E.M.S. cases)

1. Total number of admissions (including infants born in hospital) — — — — —	5651
2. Total number of women confined in Hospital — — — — —	797
3. Number of Live Births (including 7 sets of Twins) — — — — —	763
4. Number of Still Births — — — — —	41
5. Number of Deaths among the newly-born (i.e., under four weeks of age) — — — — —	19
6. Total number of Deaths among children under one year (including those given under (5) above) — — — — —	71
7. Total number of Maternal Deaths among women admitted to Hospital for confinement — — — — —	1
8. Total number of Deaths — — — — —	509
9. Total number of discharges (including infants born in Hospital) — — — — —	5095
10. Duration of stay of patients, including (8) and (9) above:—	
(a) Under four weeks — — — — —	4395
(b) Four weeks and under thirteen weeks — — — — —	1000
(c) Thirteen weeks or more — — — — —	209
11. Number of beds occupied (excluding cots in Maternity Wards):—	
(a) Average during the year — — — — —	411
(b) Highest on 6/10/43 — — — — —	459
(c) Lowest on 1/1/43 — — — — —	326

TABLE 1 (b)

Service Cases and Air Raid Casualties treated in hospital and not included in County numbers

Service cases in hospital 31/12/42	—	—	—	—	52
Admitted	—	—	—	—	1267
Discharged and died	—	—	—	—	1229
Remaining in hospital 31/12/43	—	—	—	—	90
<i>Air Raid Casualties—</i>					
In hospital 31/12/42	—	—	—	—	Nil
Admitted	—	—	—	—	5
Discharged	—	—	—	—	5
Remaining in hospital 31/12/43	—	—	—	—	Nil

TABLE 1 (c)

E.M.S. Cases, including County Cases in Table 1 (a) but not in Table 1 (b)

E.M.S. 116 designations	—	—	—	—	90
Children	—	—	—	—	27
Maternity	—	—	—	—	28
Adults	—	—	—	—	17
Essential Workers	—	—	—	—	Nil
Industrial Workers	—	—	—	—	Nil
Merchant Navy	—	—	—	—	51
R.A.F. Dependents	—	—	—	—	23
Army Dependents	—	—	—	—	1
Land Army	—	—	—	—	5
Pensioners	—	—	—	—	4
					247

TABLE 2

	1942	1943
Number of Admissions (including Births)	4654	5651
Number of Discharges	4228	5095
Number of Deaths	386	509
Number of Live Births	723	763
Number of Still Births	25	41
Number of Patients in Hospital 31st December	332	379

These figures include County Cases, Out-County and E.M.S. Cases, but exclude Service Cases and Air Raid Casualty Cases.

TABLE 3

OUT-PATIENTS DEPARTMENT					Attendances
General (including X-Ray)	—	—	—	—	3044
Massage	—	—	—	—	2670
Ophthalmic	—	—	—	—	477
Orthopaedic	—	—	—	—	753
E.N.T.	—	—	—	—	585
Artificial Pneumothorax	—	—	—	—	667
Medical	—	—	—	—	659
Gynaecological and Post-Natal	—	—	—	—	181
					9036
				Total	9036

TABLE 4

Classification of In-patients who were discharged from, or who died in, the Hospital during the year ending 31st December, 1943.

Disease Groups						Children under 16		Men & Women	
						Dis- charged	Died	Dis- charged	Died
A.	Acute Infectious Disease	..	..	..	..	9	—	4	2
B.	Influenza	..	..	..	..	2	—	7	1
C.	Tuberculosis								
	(1) Pulmonary	..	..	..	..	4	1	45	8
	(2) Non-Pulmonary	..	..	..	..	16	2	18	3
D.	Malignant Disease	..	..	..	..	—	—	128	111
E.	Rheumatism.								
	(1) Acute Rheumatism (Rheumatic Fever) together with sub-acute Rheumatism and Chorea	..	..	..	..	5	1	6	1
	(2) Non-articular manifestations of so-called Rheumatism (Muscular Rheumatism, Fibrositis, Lumbago and Sciatica)	..	..	..	..	—	—	26	3
	(3) Chronic Arthritis	..	..	..	..	—	—	22	1
F.	Venereal Disease	..	..	..	..	5	—	16	—
G.	Puerperal Pyrexia	..	..	..	..	—	—	22	—
H.	Puerperal Fever								
	(a) Women confined in hospital	..	..	..	..	—	—	—	—
	(b) Other cases	..	..	..	..	—	—	—	—
I.	Other diseases and accidents connected with pregnancy and child birth	..	..	..	..	—	—	283	6
J.	Mental Diseases (a) Senile Dementia	..	..	..	..	—	—	5	—
	(b) Other	..	..	..	..	—	—	69	1
K.	Senile Decay	..	..	..	..	—	—	5	8
L.	Accidental Injury and Violence	..	..	..	..	69	2	194	12
<i>In respect of the cases not included above—</i>									
M.	Disease of the Nervous System and sense Organs	..	..	..	..	97	16	152	45
N.	Disease of the Respiratory System..	..	..	..	..	127	17	308	42
O.	Disease of the Circulatory System..	..	..	..	..	13	—	160	95
P.	Disease of the Digestive System	..	..	..	..	316	16	628	48
Q.	Disease of the Genito-urinary System	..	..	..	..	86	—	320	31
R.	Disease of the Skin	..	..	..	..	120	2	67	5
S.	Other Diseases	..	..	..	..	84	8	154	11
T.	Mothers and Infants discharged from Maternity Wards and not included in above figures	..	..	..	..	740	10	731	—
U.	Persons not falling under any of the above headings	..	..	..	..	16	—	2	—
Totals						1709	75	3386	434

TABLE 5

OPERATIONS UNDER ANAESTHESIA						County Hospital Theatre	Hut Theatre.
<i>Alimentary Tract.</i>							
Gastrectomy	—	—	—	—	—	21	—
Gastroenterostomy	—	—	—	—	—	2	—
Gastrostomy	—	—	—	—	—	2	—
Perforated peptic ulcer	—	—	—	—	—	13	—
Ramstedt	—	—	—	—	—	4	—
Gastroscoy	—	—	—	—	—	4	—
Intussusception	—	—	—	—	—	1	—
Hernia	—	—	—	—	—	58	35
Enterostomy	—	—	—	—	—	2	—
Caecostomy	—	—	—	—	—	11	—
Colectomy	—	—	—	—	—	6	—
Colostomy	—	—	—	—	—	15	—
Appendix operations	—	—	—	—	—	196	22
Intestinal anastomosis	—	—	—	—	—	7	—
Excision of Rectum	—	—	—	—	—	3	—
Haemorrhoids	—	—	—	—	—	8	16
Sigmoidoscopy	—	—	—	—	—	3	12
Other rectal operations	—	—	—	—	—	5	2
Cholecystectomy	—	—	—	—	—	23	—
Pancreatectomy	—	—	—	—	—	1	—
Other operations on biliary passages	—	—	—	—	—	3	—
Hydatid of Liver	—	—	—	—	—	1	—
Laparotomy for other conditions	—	—	—	—	—	30	—
<i>Genito-Urinary System.</i>							
Nephrectomy	—	—	—	—	—	7	—
Nephrolithotomy	—	—	—	—	—	1	—
Prostatectomy (open)	—	—	—	—	—	17	—
„ (transurethral)	—	—	—	—	—	3	—
Suprapubic cystotomy	—	—	—	—	—	30	—
Hydrocele	—	—	—	—	—	7	4
Urethral operations	—	—	—	—	—	25	2
Circumcision	—	—	—	—	—	12	41
Cystoscopy	—	—	—	—	—	35	—
Cystectomy	—	—	—	—	—	1	—
Others	—	—	—	—	—	7	—
<i>Gynaecological.</i>							
Hysterectomy	—	—	—	—	—	20	—
Myomectomy	—	—	—	—	—	3	—
Ectopic Gestation	—	—	—	—	—	1	—
Pyosalpinx	—	—	—	—	—	5	—
Oophorectomy	—	—	—	—	—	8	—
Sterilisation	—	—	—	—	—	1	—
D. & C.	—	—	—	—	—	97	—
Perineorrhaphy and other repair operations	—	—	—	—	—	19	1
Miscellaneous	—	—	—	—	—	39	1
<i>E.N.T. Operations.</i>							
Mastoid	—	—	—	—	—	14	—
Submucous resection nasal septum	—	—	—	—	—	8	—
Removal of polypi	—	—	—	—	—	7	—
Removal of Tonsils and/or Adenoids	—	—	—	—	—	191	—
Oesophagoscopy	—	—	—	—	—	6	—
Caldwell-Luc	—	—	—	—	—	12	—
Other	—	—	—	—	—	21	—

Table 5—continued

						County Hospital Theatre	Hut Theatre
<i>Eye Operations.</i>							
Cataract	—	—	—	—	—	17	—
Strabismus	—	—	—	—	—	26	—
Enucleation	—	—	—	—	—	1	—
Others	—	—	—	—	—	18	—
<i>Orthopaedic and Accident Department.</i>							
Major amputations	—	—	—	—	—	3	3
Minor amputations	—	—	—	—	—	1	3
Open operations for fractures	—	—	—	—	—	2	2
Compound fractures	—	—	—	—	—	4	2
Debridement and/or wound excision	—	—	—	—	—	3	8
Manipulation on and/or application of plaster	—	—	—	—	—	37	51
Burns	—	—	—	—	—	3	1
Osteotomy	—	—	—	—	—	—	—
Osteomyelitis	—	—	—	—	—	1	1
Operations on tendons	—	—	—	—	—	9	5
Removal of semilunar cartilage	—	—	—	—	—	—	3
Hallux Valgus	—	—	—	—	—	1	1
Others	—	—	—	—	—	3	7
<i>Other Conditions.</i>							
Cerebral Decompression	—	—	—	—	—	1	—
Operations on breast	—	—	—	—	—	6	—
Thyroidectomy	—	—	—	—	—	5	—
Dissection of cervical glands	—	—	—	—	—	12	—
Drainage of abscesses	—	—	—	—	—	52	67
Curettage of sinuses	—	—	—	—	—	6	4
Skin graft	—	—	—	—	—	7	—
Varicose veins	—	—	—	—	—	7	5
Neoplasm of jaw	—	—	—	—	—	—	—
Miscellaneous minor operations	—	—	—	—	—	37	27
Pilonidal cyst	—	—	—	—	—	1	—
T.B. Glands curetted	—	—	—	—	—	7	3
Popliteal Aneurysm	—	—	—	—	—	1	—
Ventriculogram	—	—	—	—	—	1	—

TABLE 5a

Casualty Theatre.

Wound toilet and/or Suture.	—	—	—	—	26	—
Incision of abscesses	—	—	—	—	27	—
Burns	—	—	—	—	7	—
Manipulation and/or Application of Splint	—	—	—	—	5	—
Urethral Dilation	—	—	—	—	4	—
Miscellaneous	—	—	—	—	10	—

TABLE 6

X-Ray Department.

Bones	—	—	—	—	1088	256
Renals	—	—	—	—	312	39
Chests	—	—	—	—	2852	297
Gall Bladders	—	—	—	—	119	25
Bariums	—	—	—	—	352	186
Ante-natal Pregnancy	—	—	—	—	151	—
					4874	801

TABLE 7

MATERNITY DEPARTMENT

Ante-Natal Clinic.

Total No. of patients	—	—	—	—	248
„ „ visits	—	—	—	—	1840
Average attendance per week	—	—	—	—	35
„ „ „ patient	—	—	—	—	7.6

Maternity Ward.

Total number of deliveries	—	—	—	—	797
„ „ 1st „	—	—	—	—	431
„ „ live births	—	—	—	—	756
„ „ still births	—	—	—	—	41

Cause of death in still birth—

	A.N.C.	EM.
Meningocele	4	—
Anencephalic	2	—
Macerated Foetus	4	3
Prematurity	3	2
Disproportion	—	1
Intracranial Haemorrhage	3	2
Antepartum Haemorrhage	8	4
Breech	—	1
Cord Anomalies	2	1
W.R. Positive	1	—

Average duration of stay—15.5 days

Instrumental deliveries	—	—	62	53	9
Caesarean Section	—	—	32	28	4
Breeches	—	—	60	31	29
Other Doctors' cases	—	—	20	—	—
Perineal repairs	—	—	172	—	—
Maternal Death	—	—	1	—	1
Notified Puerperal Pyrexia	—	—	15	—	—
Notified Ophthalmia Neonatorum	—	—	7	—	—
Neonatal Deaths	—	—	18	—	—
Intracranial Haemorrhage	—	—	—	1	3
Hydrocephalus	—	—	—	2	1
Prematurity	—	—	—	5	4
Spina Bifida	—	—	—	2	—

TABLE 8

LUNACY ACTS

	Male	Female
No. of patients in hospital 31/12/42	—	2
No. of patients admitted	16	32
	16	34
Discharged to Upton Mental Hospital	8	20
Discharged to Home	6	6
Discharged to Public Health Classification	1	5
Discharged to Institution	—	3
Died	1	—
	16	34
Remaining in hospital 31/12/43	Nil	Nil

TABLE 9

PATHOLOGICAL DEPARTMENT

Sterility Tests	16
Swabs. B. dip.	3237
Widal	79
Urine, Pus, etc.	28 2
Smears G.C.	235
Bloods Wassermann	916
C.S.Fs. Wassermann	93
C.S.Fs. Colloid	23
Blood Chem.	632
Frac. Test Meals	396
Faeces Occ. Blood	422
Urea Conc. Tests	56
Blood Counts	1859
" " Diffs.	453
Blood Films	1504
Various	496
Sections	168
Total above	13417
Biological	26
Total	13443

REPORT BY EAR, NOSE AND THROAT SURGEON

As regards out-patients the department has two uses—on the one hand, consultation; on the other, treatment (including operations). There have been seen in the first year some 334 patients. Of these, 123 are new, the majority are for consultation, meaning an opinion and a letter to their own doctor containing this, and advice on treatment with, usually, another visit to see that they are all right. The other figure for old patients, 211, is one with which I am very satisfied. An ear, nose and throat clinic, when not efficient, usually shows this in the number of repeat visits of the patients. It gets a large number of patients who continue to pay visit after visit. The proportion of 211 old to 123 new patients in twelve months shows a very satisfactory low average number of visits before final discharge.

The number of operations for the year is 82.

In the above figures for out-patients no account has been taken of the other side of the work, the seeing for consultation purposes of in-patients under the care of other departments.

1943 gave the first complete twelve months of the school clinic, the only new feature of the department.

Instead of the School Medical Officer recommending for operation direct, under this system all cases are first referred for consultation to the clinic. The figures here speak for themselves. Of 188 cases sent up as new cases 113 have had operations for tonsils and/or adenoids, in a good many cases only for the latter. This means that in 75 cases operation has been avoided or, for good reason, postponed. The object has been to keep in touch with the patients by consultation with their parents and doctors. The number of visits has been 251 for the 188 patients; the difference is accounted for by keeping in touch with those for whom advice has been really needed, rather than active treatment, and the number is considerable. This is a marked improvement on the old system and we hope as time goes on to increase this education side of the work.

In New Ferry, at the Voluntary Welfare Clinic, is held an ear, nose and throat session, at which children from birth to school age are seen. Notes on health, diet and treatment are kept and most important of all on advice given. These notes follow these particular children to the school clinic, the personal element is increased by the parents' knowing the doctor and what he is aiming at, and in our opinion you have in this system as near to an ideal service as you can get. We should like to see it in practice in other places besides the New Ferry area. It is not at present general, but it should be. In the treatment of these slightly subnormal children, the personal effort made over a long period by parent and doctor, helped by a child who knows the doctor and likes the clinic, is of far more importance than isolated visits and operations.

REPORT BY CONSULTING TUBERCULOSIS PHYSICIAN

The work at Clatterbridge General Hospital in connection with the prevention and treatment of Pulmonary Tuberculosis continues to increase.

The shortage of beds for adults and the lack of beds for children in sanatoria and special hospitals for the treatment of Tuberculosis has thrown a further burden on hospitalisation. Even when vacancies can be found, many patients, by reason of their home conditions or other circumstances, have to be admitted to Clatterbridge pending their transfer. Furthermore, the unsatisfactory accommodation available in the hospital, together with the lack of specially

trained staff, militates against the efficient treatment of these patients during their temporary stay.

Cases of definite Pulmonary Tuberculosis are not, of course, admitted to Clatterbridge, as such, with the exception of the urgent cases referred to above, but patients suffering from other ailments are often found in addition to have Tuberculosis. Provision has to be made for these cases also, and arrangements made for their transfer to the appropriate institutions.

The most important type of case however, with which the Tuberculosis Officer has to deal—one which calls for the full resources of the modern General Hospital, considerable experience and mature judgement, is the "observation" case. These are cases which present special difficulty in diagnosis, and are admitted from the Tuberculosis Dispensaries, the patients' own homes, and the Cottage Hospitals, which the writer visits, for further investigation. By this means the diagnosis is "pin-pointed" and non-tuberculous cases (e.g., tumours, abscess, bronchiectasis, etc.) are retained in the hospital for further treatment.

The bulk of these observation cases were formerly sent to special Pulmonary Institutions for investigation, but now considerable saving has thus been effected for the County and more sanatorium beds kept free for the treatment of definitely tuberculous cases, and the heavy waiting list thus materially reduced. In this connection, the appointment of a Resident Medical Officer with some special experience in Tuberculosis and diseases of the chest generally would be an advantage.

During the past year a considerable number of the Hospital nursing staff has been examined, chiefly new entrants, as a preventative measure, and in two of the latter, active Tuberculosis was discovered, the disease in both cases being symptomless.

Artificial pneumo-thorax patients continue to attend weekly for refills, and in addition primary inductions have been carried out in cases awaiting admission to sanatorium. Gas replacements have also been given to both in-patients and out-patients.

The work at the Hospital has also included the examination of a large number of boys from the Nautical Training School, Heswall, who are "domiciled" outside the County and do not, therefore, strictly speaking, come under the County Tuberculosis Scheme.

In addition to the work at the County Hospital proper, the Tuberculosis Officer has examined many Service cases at the Emergency Hospital. Those diagnosed as Tuberculous have been referred to their appropriate authorities for institutional treatment through arrangements with the Ministry of Health.

REPORT BY CONSULTING PHYSICIAN

Throughout the year the Medical work at the Hospital has been carried out at high pressure, and a high level of efficiency has been maintained. There have been no outstanding advances in the treatment of medical diseases, though the increasing value of drugs of the Sulphonamide group in acute infections is more appreciated. The past year on the medical side of the Hospital has been mainly one of solid routine. The many patients admitted to the Medical Wards are fully investigated, a diagnosis made and treatment given in a comparatively short time. There appears to be an increase in the incidence of peptic ulceration, many cases having had haemorrhage.

The Medical Continuation Clinic continues to grow and fulfils a very useful function. In order to make the best use of our available beds, patients who are suitable and require specialised treatment, such as arthritics, diabetics, and asthmatics, attend the clinic for a period. When further supervision is required in cases of doubt, discharged patients are sent up periodically for "follow-up." The Continuation Clinic makes for the economical and efficient working of the Hospital. Cases are now referred by their private practitioners in a consultative connection and admission is avoided in many cases.

REPORT ON THE WORK OF THE LIVERPOOL CHEST SURGICAL UNIT

This Centre has been developed as an extension to a Thoracic Surgical Unit established by the Ministry of Health in 1940. The need for a Centre where the specialised branch of thoracic surgery could be undertaken has been paramount in the Liverpool Region for some years. It was realised that aggregation of all thoracic surgical cases into one Unit would benefit both the staff and the patient, as the experience gained in dealing with such patients would be increased both by the individual members and by pooling of knowledge. Accordingly, late in 1941 facilities were provided by the Cheshire

County Council whereby cases from an extended area could be admitted, and the Chest Surgical Centre came into being.

The Centre has now 80-100 beds occupied, in which the investigation and surgical treatment of patients suffering from disease of the thoracic organs is undertaken. At the moment no cases of pulmonary tuberculosis are admitted as most of the authorities in this region provide adequate equipment for undertaking surgical treatment in their respective sanatoria.

During the past year the work of the Centre has increased by approximately 100 per cent.

	1942	1943
Admissions	179	338
Operations	214	421

The number of patients admitted from each authority during 1943 is:—

Emergency Medical Service	200
Lancashire County Council	57
Cheshire County Council	66
Private arrangement and others	15

Patients admitted under the Emergency Medical Service Scheme include members of His Majesty's Forces, and those patients transferred from voluntary and municipal hospitals in the Region on form E.M.S. 116.

For the last fifteen months a rehabilitation unit has been an essential part of the Centre, and here patients from the wards who have undergone surgical treatment, and patients admitted from outside hospitals, are taken through courses of graduated exercises until, if possible, they are fit enough to resume their original occupation. Specially trained physiotherapists undertake this work under medical direction, and it is felt that the results produced in this unit fully justify its existence as an auxiliary part of the Centre.

The cases admitted to the Centre during 1943 can be classified under the following headings:—

Fractured Ribs	5
Chondroma of Sternum	1
Pleural Effusion	8
Empyema	34
Spontaneous Pneumothorax	4
Tension Pneumothorax	1
Haemothorax	3
Traumatic Chylothorax	1
Haematoma of Lung	1

Chronic bronchitis, asthma and emphysema ...	25
Pulmonary Fibrosis	9
Plastic Bronchitis	1
Resolving Pneumonia	12
Unresolved Pneumonia	5
Lung Abscess	32
Bronchiectasis	88
Carcinoma of Bronchus	61
Secondary Metastases in Chest	1
Cyst of Lung	1
Retained Foreign Bodies in Chest	9
Hydatid in Lung	1
Mediastinal Tumour	2
Pulmonary Tuberculosis	8
Tuberculous Empyema	2
Tuberculous Mediastinal Glands	1
Tuberculous Intercostal Glands	2
Tuberculous Mediastinal Abscess	1
Perforating Chest Wound	12
Myocarditis	1
Carcinoma of Thymus	1
Oesophageal Stricture	1
Carcinoma of Oesophagus	2
Diaphragmatic Hernia	2
Thrombosis of Superior Vena Cava	1
Tuberculous Spine	1
Aneurysm of the Aorta	4
Chronic Tracheitis	1
Adult Pertussis	1
Intercostal Neuritis	1
Post-thoracoplasty Scoliosis	1
Gastro-pleural Fistula	1
Subphrenic Abscess	4

Operations undertaken during the year are as follows:—

Resection of Costal Cartilage	1
Open Drainage of Pleural Cavity	44
Closed Drainage of Pleural Cavity	16
Aspiration of Pleural Effusion	13
Aspiration of Haemothorax	3
Thoracoscopy	6
Thoracoplasty	6
Plastic Operation for Empyema	8
Revision of Sinus	11
Thoracotomy	23
Lobectomy	33
Pneumonectomy	4
Bronchoscopy	150

Removal of Foreign Bodies	8
For Lung Abscess	43
Muscle Flap for Bronchial Fistula	3
Mediastinotomy	1
Phrenicectomy	10
Oesophagoscopy	2
Drainage of Subphrenic Abscess	2
Removal of Tuberculous Intercostal Gland ...	2
Laparotomy	2
Minor Operations	30

REPORT BY CONSULTING SURGEON

The burden of Surgery is one of ever-increasing weight; the big operations of yesterday are the commonplaces of to-day, and what seemed impossible a little while back is now accepted as current practice. This trend represents real progress, and may be traced back to a number of causes and forward to a number of effects. Among the causes are various measures for maintaining life through the critical phase of an operation, and—which is even more important—through the equally critical and more prolonged post-operative phase. These measures include the use of intravenous infusions of saline, glucose, plasma and whole blood; the continuous or intermittent administration of oxygen and carbon dioxide, and a better understanding of the management of the stomach and bowels after big abdominal sections. For certain operations selected forms of anaesthesia are important and others quite essential. Many operations which would otherwise be impossible can be completed in a number of stages. Finally, increased specialisation leads directly to greater skill through experience, and indirectly to more ambitious aims through the focussing of ideas and energies in a restricted field.

These movements are all-pervading and inescapable, although their extent in any given place at any given time is unpredictable. During the last few years, and perhaps particularly during the last twelve months, the tempo of the surgical work at this Hospital has accelerated noticeably. This in turn seems to derive from three main causes—first the stimulating influence of the presence of the chest unit; secondly the increased demands made upon the department by the neighbouring practitioners, both indirectly and through the expanded medical service; and thirdly the preponderance of older people resulting from the war-time distribution of the population.

Chief amongst the effects of these gradual changes is the greater demand made upon the nursing personnel in every way. The surgical nurse must be better grounded, more fully trained, more alert, more resourceful and even more devoted than her counterpart of yesterday. The proportion of easy cases to difficult is smaller, and the demand and the strain are correspondingly greater. On the other hand the education is fuller and the result more satisfying.

REPORT OF THE MEDICAL SUPERINTENDENT OF WEST PARK COUNTY HOSPITAL, MACCLESFIELD PATIENTS

General

The number of admissions was 1,763, an increase of 155 on the previous year. This figure includes E.M.S. and Radium cases; if these are excluded it is evident that there has been a general increase in the work done for County patients. The number of beds is the same as last year, namely 100 for County cases and 180 for the E.M.S. The average daily number of County patients was 116 and use was made of beds reserved for the E.M.S. but not in occupation. More patients were admitted from districts outside Macclesfield than was the case during the previous year. Some indication of the work done is given in a statistical appendix, but the following require special mention.

Maternity

The number of mothers admitted was 457. Some of these were treated for some abnormality or complication during the ante-natal period, and were discharged to be re-admitted later for delivery; the number of admissions was 515. In order to accommodate these cases the number of beds in the Department was increased to 27. The unit now occupies the whole of the upper floor of the former Female Hospital. In consequence, the Department is not so compact and the kitchen is too small. It is hoped to carry out some further improvements, but it will not be possible to deal with many more cases unless the number of beds is increased.

The Maternity and Child Welfare Committee of the Borough of Macclesfield was responsible for 164 mothers. The Ante-Natal Clinics were well attended and 3,232 visits were made—an increase of 907.

E.M.S.

Most of the E.M.S. patients were cases of chronic sickness or infirmity, the majority having been admitted in 1940 from hospitals and institutions elsewhere.

Chronic Sick

Many requests were received for the admission of infirm, elderly, or bed-ridden patients, of the type usually treated in Public Assistance Institutions.

The responsibility for providing accommodation for this class of case rests with the Public Assistance Committee.

Nevertheless, as a temporary measure, the Hospital Management Committee has sanctioned the admission of a limited number of these cases to the Hospital, where they can use E.M.S. beds which are not required for the time being. The Public Assistance Committee is responsible for the maintenance of these patients and 34 persons were admitted during the year under this special arrangement.

Tonsils and Adenoids

A new development has been the treatment of school children requiring operations on tonsils and adenoids. One hundred and four cases were dealt with by arrangement with the County Education Committee; in each case the operation has been performed by a Specialist in diseases of the Ear, Nose and Throat, with the help of an expert Anaesthetist. It has been possible to deal with some children who might otherwise have had to wait for some time owing to the lack of accommodation in other hospitals.

Radium Cases

Reference has been made to these cases in previous reports. During the year, re-arrangement of the work took place, cases of malignant disease being treated at the Christie Hospital. In consequence there was a diminution in the number of cases and treatments given, the figures being 371 and 403 respectively.

Special Clinic

The old Tramp Ward was altered to form a Clinic for the treatment of Venereal Disease. Although this Department is situated within the grounds, it is not a part of the Hospital, but has a separate administration, being one of the units in the County Scheme for dealing with these disorders. The Clinic has its own separate staff, but the Hospital provides beds for those who require treatment as in-patients. This arrangement has worked very well and has proved advantageous to both Hospital and Clinic.

Buildings

In the report for 1941, reference was made to deficiencies in some of the wards and departments, and it was pointed out that some of the wards were unsuitable for the treatment of acute cases, the chief difficulty being that of access. There is no Receiving Ward where the patients may be examined before they are admitted, and the accommodation for isolating those cases which may prove to be infectious is not sufficient.

No big alterations have been made but a number of the

wards have been re-decorated and improved by such measures as the provision of partitions, installation of lavatory basins, improved heating and light, etc.

A larger telephone switchboard has been installed in order to provide internal extensions to all departments, and at the same time a new Enquiry Office was adapted from the old Porters' Lodge.

Farm and Gardens

The farm and gardens, amounting to 31 acres, continued to be worked throughout the year. The total quantity of milk produced was 7,178 gallons, and a sufficient quantity of vegetables was grown to supply all resident staff and patients; the surplus was sold, realising the sum of £81. 8s. 11d.

Medical

The Medical Superintendent has had the help of two resident Assistant Medical Officers throughout the year. Dr. S. F. Clegg was re-appointed as Visiting Medical Officer and has continued to be responsible for the sick staff, for giving lectures to Student Nurses, and for assisting in the absence of the Medical Superintendent. In addition, consultants in various branches of Medicine and Surgery attend from time to time on a sessional basis. The war has considerably increased the work of these doctors, but it has always been possible to obtain the help of specialists when required.

Nursing Staff

As before, the Nursing Staff consists of those appointed by the County Council, together with members of the Civil Nursing Reserve. The former are resident in the Hospital but most of the latter reside in billets. The number on 31st December, 1943, was as follows:—

County Council—

Trained	15
Students	32
Pupil Midwives	4

Civil Nursing Reserve—

Trained	6
Nursing Auxiliaries	40

(Six vacancies for County Council Nurses—Four trained and two Students).

These figures show that 13 more Nurses have been added to the establishment. This increase has fully taxed the accommodation for resident Nurses both at the Hospital and at West Bank Nurses' Home, and it is hoped that some further provision will be made in the near future.

Nurses are prepared for the Preliminary State Examination and the following were the results:—

April, 1943—Six candidates sat and five were successful in both parts; one passed in Part 2 only.

September, 1943—Five entered and five passed.

Most of these Nurses have been transferred to Clatterbridge Hospital to complete their training, and others will be sent on completing two years at West Park.

An application was made to the General Nursing Council for recognition as a Complete Training School and the Hospital was inspected by a representative. The Council declined to grant immediate recognition, but made certain suggestions which have been adopted. It is hoped that a further application may be made about the end of the year.

On 30th October Miss Florence Horsbrugh, Parliamentary Secretary to the Ministry of Health, visited Parkside Hospital to distribute awards to members of the Civil Nursing Reserve. Five trained staff and twenty-nine Nursing Auxiliaries working at West Park received the appropriate awards and were addressed by Miss Horsbrugh.

The training of Pupil Midwives for Part 2 of the Board's Examination began on 2nd March; under this scheme four pupils are trained every six months, two of them being on duty in the Hospital and two being resident with midwives in Macclesfield. During this period they are provided with billets at the expense of the County Council. During 1943 three pupils entered for the examination and two were successful. One of these was appointed to a post as Domiciliary Midwife in the County and the second joined the staff of the Hospital. It is an advantage to have the assistance of these pupils who have already completed the first part of their training elsewhere.

GENERAL STATISTICS

Patients in Hospital—	P.H.	E.M.S.	Total
31st December, 1942	105	97	202
31st December, 1943	134	68	202
Admissions	1726	37	1763
Discharges	1993	51	2044
Births	445	2	447
Operations	734	6	740
Deaths	141	16	157

Average duration of stay—

County Patients— 23.1 days.

E.M.S. Patients—233.7 days.

Average number of beds occupied throughout the year—

Public Health—116.

E.M.S.—82.

MATERNITY

Number of admissions	515
Deliveries	447
Emergencies	65
Instrumental Deliveries	37
Breech Deliveries	17
Caesarean Sections	9
Toxaemia of pregnancy	39
Eclampsias	2
Stillbirths	15
Neonatal deaths	9
Number of Mothers who attended Ante-Natal Clinic ...	376
Number of attendances	3232

X-RAY DEPARTMENT

	P.H.	E.M.S.
Number of examinations	775	10
Number of radiographs	2100	45

PHYSIOTHERAPY DEPARTMENT

<i>Public Health</i> —	Massage	Electrical	Exercises	Total
In-patients ...	896	717	219	1832
Out-patients ...	606	634	114	1354
<i>E.M.S.</i>	327	296	120	743
Total ...	<u>1829</u>	<u>1647</u>	<u>453</u>	<u>3929</u>

In addition, daily exercises were conducted in the Maternity Ward throughout the year.

PATHOLOGICAL DEPARTMENT

Bacteriological	597
Haematology	788
Histological	60
Fractional Test Meals	8
Other Tests	24
	<u>1477</u>

COMPARATIVE FIGURES

	1941	1942	1943
Admissions	594	1608	1763
Births	170	360	447
Massage Treatments	2709	3476	3929
Radiographs	275	1266	2145
Pathological Examinations	353	781	1477
Ante-Natal Examinations	1271	2325	3232

REPORT OF THE MEDICAL SUPERINTENDENT OF THE MARY DENDY HOMES, ALDERLEY EDGE

Admissions and Discharges

During the year ten boys and six girls have been admitted to the Homes. Nine boys and one girl were admitted under the provisions of the Mental Deficiency Acts, but as they were already resident in the Homes they were automatically discharged and re-admitted.

The mental state of the twenty-six patients on admission was as follows:—

Imbecile—5 males.

Feeble-minded—14 males, 7 females.

Ten male and four female patients were removed during the year. Of the male patients eight were removed to the care of relatives and two were transferred to other institutions. In addition one youth who absconded some time ago was discharged by "operation of law." Two youths who had been out on licence were also discharged by "operation of law," and another youth who had also been on licence for some time was discharged by order of the Board of Control. One male patient is working away from the Homes.

Of the female patients who were removed three are in the care of relations, and one is working outside the jurisdiction of the Homes. In addition one woman who absconded several years ago was discharged by "operation of law."

Licences

At the end of 1943 there were fourteen male and seven female patients out on licence.

Deaths

Three deaths have to be recorded—a youth (aged 20) from Toxic Myocarditis, an adult male patient (aged 44) from Coronary Thrombosis, and a schoolboy at Macclesfield Isolation Hospital from Diphtheria.

This gives on the resident figure a death rate of 0.75 per cent.

Age Classification

A classified list of the ages of resident patients is shown in the following table:—

	Male	Female	Total
Under 16 years	76	32	108
16—20 years	39	19	58
21—29 years	66	26	92
30—39 years	38	22	60
40 and upwards	49	41	90
Totals ...	268	140	408

General Health

Taken over the twelve months the general health of the patients has not been as good as in 1942, but this has been due to their falling victims to epidemics which have occurred throughout the country.

In March, April and May an epidemic of Infectious Jaundice occurred, chiefly amongst the school children, involving 24 patients in all. None of these cases were serious and no major complications occurred.

In May, June and July there was an outbreak of Diphtheria, involving 12 patients, of which 11 were schoolboys, and one a schoolgirl. To combat this, 150 patients were given 1,000 units of Antitoxin, and also immunised by A.P.T. Rigid segregation was put into force and visitors were refused admission. One schoolboy died in Macclesfield Isolation Hospital. All other cases recovered satisfactorily.

In September a mild outbreak of Chicken-Pox occurred, involving 8 cases, all of which cleared up satisfactorily.

In November and December a wave of three-day influenza occurred; this involved both school children, adults, and staff. 90 definite cases were recorded.

Other illnesses of note during the year were one girl (aged 20 years) with Rheumatic Fever, one adult female patient with Broncho-Pneumonia, one youth with a Tumour of the Parotid Gland, and one adult male patient with Tuberculosis of the Kidneys. Two male members of the staff received treatment at West Park Hospital for Gastric Ulcers, and one Attendant was examined and treated for Disseminated Sclerosis. One Nurse received treatment in Clatterbridge Hospital for an abscess of the left lung.

During the entire year only 12 cases of Scabies have been recorded.

Taken over the twelve months there has been an increase in weight amongst the patients, and there is a marked improvement in their poise and physique. This is largely due

to the regular games and physical training which has been introduced.

Of the epileptic cases, two show deterioration. One (a young boy reported in 1942) is now practically a bed case. He is subject to severe attacks of Status Epilepticus. The other, an adult male patient, has become vicious, bad-tempered and dangerous. He has caused considerable destruction to property and has made violent attacks on staff and patients.

Staff

The staff position has fluctuated during the past year. Two Certificated Nurses, 4 Assistant Nurses and 4 Probationer Nurses joined the staff, whilst one Certificated Nurse, 3 Assistant Nurses and one Probationer Nurse left. One Certificated Attendant resigned and one Housemaster and two Cook Housekeepers left the service. One Junior Attendant and one Assistant Housekeeper have joined the Homes. A Cook for the Nurses' Home, a Cook for the Hospital, a Male Storekeeper, two female Garden Attendants, and a Secretary have also taken employment in the Homes.

One Housemaster and House Matron have retired, the Housemaster remaining in the service as Institution Joiner.

The opening up of Bostock Barns Training Farm brought a new Farm Bailiff, and his wife acts as Housekeeper to the patients employed at this farm.

The prospects of improvement in the staff position are more hopeful, following a personal visit by the County Medical Officer of Health and the Medical Superintendent to the Nursing Appointments Officer, Manchester, when the needs of the Homes were explained. The opening of the Nurses' Home, and the introduction of regular Nursing classes and ward training by the Administrative Sister, have done much to improve the working conditions and to put the Homes on a firm foundation as a Nurses' Training College. Help has also been forthcoming from the Regional Nursing Officer, who has directed a number of Civil Nursing Reserve Candidates to the Homes. The standard of medical nursing throughout the Homes continues to improve, and the nursing of the various epidemics was of a higher standard. It is hoped during the coming year, if sufficient nurses are available, to introduce night staff, especially amongst the children.

Activities

Sixteen dances have been held for the patients, and these were all greatly enjoyed. Two of these dances were in Fancy

Dress and considerable ingenuity was shown by the patients in their costumes, most of which were made by themselves from odds and ends. An excellent concert was provided by the staff and patients of Noah's Ark House, and another good show was given by the patients of Heywood House. At present selected patients and staff are rehearsing for the annual major concert of the Homes.

Badminton and Netball are regularly played each week by adult male and female patients, and some very keen matches have been contested between the various Houses. Regular physical training of adult male patients is now in operation. Female patients receive physical training and dancing, and adult boys also attend classes for country dancing and ballroom dancing. A number of selected male patients are receiving instruction in boxing. Several of these men are shaping well, and good sportsmanship has been shown in their contests.

The Annual Sports Meeting was held on the 29th June. Much pleasure has been given to the patients on these occasions by the attendance of various members of the Committee. Football continues to be played regularly on Saturdays by the adult male patients. The Scouts, who number twenty-five, continue to do well.

Throughout the year parties of patients have been taken to the Cinema and Belle Vue, and numbers of the children have visited the Pantomimes. There is still great need, however, for a Cinema in the Homes, both for the entertainment of patients and staff. The journey of $2\frac{1}{2}$ miles to the nearest cinema is a considerable drawback, and in war-time practically impossible for those of feebler health.

Regular Sunday services have been held by the Church of England and Nonconformist Chaplains. A Sunday School is also held for children of school age.

The Farm

This continues to do well, both from a financial point of view and on account of the employment and interest it affords the patients.

The poultry position, however, has not improved much during the past twelve months—the egg yield still being below the necessary requirements.

Twelve patients are employed on the farm. They are keen and enthusiastic about their work.

The Farm Bailiff's Report for the 12 months has been satisfactory.

A good crop of Wheat, Oats, Mangolds and Swedes has been obtained, but the Potato crop has not been very satisfactory.

The Gardens

During the past year the gardens have been doing well and a very adequate supply of vegetables has been delivered to the Homes.

Fruit was somewhat reduced in quantity, owing to the late frost and hail which affected development.

Ten male patients are employed daily, and since the introduction of two female garden attendants, ten women, who would otherwise have been unemployed, have done garden work each afternoon when the weather permitted. It is hoped to increase the number of women garden workers in the coming year.

Bostock Barns Farm

In April the Committee purchased Bostock Barns Farm as a Training Farm for adult male patients. Much work has been carried out on this farm to improve living conditions, also to the shippens and outbuildings, as well as on the land, fencing, etc.

A herd of pedigree T.T. Ayrshire cattle has been introduced and now all school children at the Homes receive daily at least one pint of T.T. milk for drinking.

Four licence patients are resident at this farm, and under instruction from the Farm Bailiff. They carry out all necessary duties, such as machine milking, care of animals, tractor work and so forth. There appears no doubt that these patients will become self-reliant and self-supporting members of the community when their period of training is completed.

Much still requires to be done both to the buildings and the land, and it will be some time yet before full results are obtained.

Tradesmen

During the past twelve months the Bricksetter, with the aid of two patients, has been chiefly concerned with maintenance work. However, an Implement Shed at Bostock Barns, a small lavatory and urinal at the School, as well as alterations to the Stores at Carey Bowden House, have also been completed.

The Institution Joiners, with the aid of one patient, have been fully occupied during the year on maintenance work.

Partitioning was also erected in Bostock Barns House to provide staff and patients' bathrooms and a considerable amount of repair work was effected when this farm was taken over. Shelving for the new Stores at Carey Bowden House has also been constructed.

The Institutional Plumber, with the aid of two patients, throughout the year has been chiefly concerned with maintenance work at the Homes and Bostock Barns. He is also Fire-Master and has held regular Fire-Pump practices and continues to train male employees in Fire Drill.

The Institutional Painter has had a busy year, and has done good work. He has decorated with the help of two patients Crossley House, Bostock Barns House, the School, the new Stores at Carey Bowden House, part of Warford Lodge, part of Lane Scott House, part of Marion Brooks House, as well as many other small maintenance jobs.

Special School

During the year the School has had an average daily attendance of 114 children.

The School continues to improve under the able and enthusiastic guidance of the Head Mistress. Children are carefully grouped, and everything is done to give individual attention to the pupils. From personal examination of these children there is no doubt but that the standard of education has greatly improved and the general knowledge of the pupils has been broadened. Physical training continues to be a big item on the curriculum, and the physique of the children shows excellent development. At organised games, physical training, country dancing, singing, etc., the children show a high degree of efficiency, and all the school staff must be complimented on the enthusiasm they have shown in bringing forward these children, both scholastically and physically.

The re-decoration of the school has proved an outstanding success. Even on the dullest days it has a warm, sunny appearance, and this of course is of great value from a therapeutic point of view. During the summer months the children were gardening and a brave show of vegetables and flowers resulted from their efforts.

The appearance of the school children has improved somewhat, and the substitution of a simple strap and buckle medium-weight shoe in place of boots has helped considerably. The girls are now in Gym Slips, and it is hoped to introduce in the near future a standardised Blazer with a cap or hat in school colours. In September, the school held its sports,

and some good performances were put up by both boys and girls. Keen House rivalry was shown, the Championship ultimately going to Alfred House. At the conclusion of the sports, a display of dancing and physical training was given by boys and girls.

Night School

Fifteen adult boys are at present attending Night School. Good progress is being observed, although this experiment has only been in operation for a few weeks. It is intended to organise a class for adult girls in the Spring.

The Workshops

During the past twelve months the Cobbling shop has employed 17 patients, and has supplied new boots and shoes, and carried out repairs for the Homes to the value of £1,226. 8s. 10d. This includes 7,650 repairs, and the making of 325 new articles, namely boots, shoes, slippers, clogs and leggings. Repairs which have been carried out for other Institutions in the County number 847, and have brought in a cash return of £142. 0s. 6d.

The Brush shop lost its well-beloved instructor, Mr. Travis, in the beginning of the year, but has been ably carried on by the Handicraft Instructress. In the past twelve months 1,547 articles have been made and 1,040 repairs effected.

New work supplied to the Institution is valued at £5. 3s. 6d., repairs for the Institution £57. 1s. 4d., outside sale of articles £101. 15s. 0d.

Production has been speeded up by the conversion of the Drilling machine to operate by electric motor, but some new equipment, such as vices, etc., is becoming necessary in order to deal with the demand at this shop.

The Weaving shop has been much handicapped during the year owing to the impossibility of obtaining cotton for the looms. Some work, however, has been carried out at a small loom on which wool has been woven; as a result 61 articles, chiefly shopping bags and pram covers, were made and sold.

During the twelve months 2,761 repairs to the value of £129. 6s. 5d. have been carried out in the tailoring shop, and 236 new garments to the value of £147. 6s. 8d. have been made for the Institution. Many odd jobs have also been done, for example, re-teasing mattresses, re-covering mattresses, re-covering chairs and so forth.

The Handicraft department continues to show an excellent progress, e.g., in basket making, leather work, rug making, re-seating of chairs, stool making, trays, toys and novelties, also embroidery and fine sewing work. The Handicraft Instructress is to be complimented on the enthusiasm and ingenuity she has shown in turning all forms of scrap into artistic novelties. All grades of patients both children and adults receive instruction in this shop, about 180 attending weekly. Goods to the value of £15. 5s. 10d. have been supplied to the Homes, and outside sales have reached the figure of £101. 2s. 7d. This shop has done much to occupy the attention of Low Grade men and women, who formerly were unemployable, and it is hoped to broaden its scope in the coming year.

There are twenty female patients employed in the Laundry, and although some improvement has been effected by the installation of the Calender, this department is still not up to the standard which one would desire. Another washing machine, a steam pressing machine and improved drying racks are an urgent necessity. The quantity of washing has been greatly increased, both due to the introduction of Nurses' Uniforms, Aprons, etc., and to the centralisation of all washing in the laundry.

Clothing

With regard to clothing of patients, this has been a better year. The introduction of ready-made frocks and coats for girls has added much to their appearance. More shoes are now being worn by male and female patients. With the increase in staff greater neatness in personal attire can be insisted upon.

Conclusion

On the whole the year has proved satisfactory, despite the inevitable difficulties of war-time.

Every effort has been made to license out the maximum number of suitable patients, but this has only been partially successful. Four girls and two boys have proved unsuccessful licencees, largely due to the fact that they have experienced difficulty in adjusting themselves to the outside world.

The number of patients employed on domestic work has been radically cut down, and in nearly all cases fresh interest has been found for these patients at handicrafts, in the gardens, or on the farm. It is hoped that when the necessary staff increase takes place, the present number employed on full-time house work will be still further reduced.

The very large number of Low Grade patients still resident in the Homes provides a real problem. It is difficult to fit them into the higher forms of employment and entertainment enjoyed by their more able companions. Everything, however, is done to make their lot a happy one, and I think the number of attempted runaways, namely, four adults and four schoolboys in twelve months, speaks well for itself.

During the twelve months no major case of theft or destruction of property, except in the case of one individual previously reported, has occurred. Adult male patients have travelled daily between the Homes, often quite unescorted, without incident, and there appears to be a deep sense of loyalty and affection between the patients and staff which is most pleasant to observe.

In conclusion I wish to record my appreciation of the Mary Dendy Homes staff for the co-operation they have vouchsafed, both when on duty and in their leisure hours.

REPORTS OF THE MEDICAL SUPERINTENDENT OF WRENBURY HALL, NANTWICH.

Quarterly reports have been submitted to the Wrenbury Hall Advisory Committee as usual; for statistics of patients treated (see p. 37).

PUBLIC ASSISTANCE INSTITUTIONS

Once more it has not been possible, due to prevailing circumstances, to carry out any large-scale improvements.

Arclid

Part of the second floor in the House Block has been converted into Matron's Quarters. Alterations have been carried out in the Laundry to provide improved facilities for finishing and a second-hand 2-roll calender has been installed.

Nantwich

Alterations were carried out in Block C to enable two of the ground floor wards to be reserved for children. One of the washing machines in the Laundry was converted into a foul washer and a new machine of considerably larger capacity installed to meet the increased needs of this Department.

Tarvin

In the earlier part of the year the steel chimney shaft for the main boiler collapsed and had to be renewed.

Section XII.-Cancer

For the treatment of Cancer generally, patients who consult their own doctors and can afford the cost of treatment (or get recommends) go to the larger Hospitals offering facilities in Liverpool, Manchester, Stockport, Birkenhead, Chester and Warrington.

For those who appeal to the local authority for treatment the following arrangements are in force.

(1) *Provided by the Local Authority—Clatterbridge County Hospital.*

Here Radium and Operative treatment are carried out but there are no facilities at present for deep X-Ray Therapy. Cases requiring such treatment are referred to the Radium Institute, Liverpool, from the Hospital. It is intended that when the extensions to Clatterbridge Hospital are completed such treatment will be available there.

(2) *By agreement with other Hospitals—(Public Assistance Committee).*

(a) Manchester Christie Hospital and Holt Radium Institute

(b) Chester Royal Infirmary

Arrangements are in force for Radium, Operative Treatment and Deep X-Ray Therapy at both the above Hospitals.

The following figures show the number of deaths from Cancer in the County area for the last ten years.

	Aggregate of		
	Urban Areas.	Rural Areas.	Total.
1934	795	219	1014
1935	863	275	1138
1936	904	266	1170
1938	660	270	930
1939	1004	224	1228
1940	978	277	1255
1941	1037	268	1305
1942	980	250	1230
1943	1104	248	1352

Section XIII.-Water Supplies, Sewerage and Sewage Disposal

Circular 10/44, issued in February, 1944, by the Ministry of Health, requests that no reference should be made in Annual Reports to activities in connection with war-time industrial, military or other important developments, such as extensions of water supply, or sewerage works, or other public utility undertakings.

The ban on expenditure as regards water supplies, sewerage and sewage disposal, still remains in force, resulting in an almost complete stoppage of work, so far as extension of these services for civilian needs is concerned.

The various water undertakings in the County are operating satisfactorily. Two authorities in the eastern part of the County, a municipal borough and its rural neighbour, are in need of additional water owing to the depletion of their respective sources of supply. The borough proposes to increase its supply by sinking a bore-hole as soon as sanction can be obtained. The rural district is negotiating for a bulk supply from an adjoining local authority.

Generally, plans are under consideration for improvements and extensions in the post-war period, including steps to initiate the formation of a water board by three Mid-Cheshire local authorities. This action has been advocated in these annual reports for several years past. The Government White Paper, 'A National Water Policy,' published in April, 1944, states that amalgamation of undertakings is *prima facie* desirable in the public interest where units are so small that they cannot afford sufficient skilled supervision, or where their continued separate existence involves waste of resources or excessive cost.

Legislation, with this end in view, may be anticipated.

Government grants for improving and extending piped water supplies in rural areas is also foreshadowed.

In this County all the populous parishes in every rural district have a piped supply, and in nearly all rural districts, smaller hamlets and groups of dwellings in the less populous parishes have mains water. A large number of dairy farms are also connected to the public water mains. The western part of the County is not so well provided with a piped supply. But for the outbreak of war, a large scheme would have now been completed for this particular area.

Sewage works, and factories discharging industrial wastes into streams and rivers, have been kept under observation. After four years of war it is only to be expected that a number of works require improving and enlarging. Sewerage schemes for a number of rural parishes are being held up.

The third report of the Central Advisory Water Committee, published in August, 1943, recommends, amongst other things, the setting up of twenty-nine Rivers Boards for England and Wales, which would take over the responsibility for preventing pollution under the Rivers Pollution Prevention Acts. One Board would be responsible for the whole of a river from its source to the sea.

APPENDIX OF STATISTICS

1943

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TABLE A.

Deaths by Causes.—Sex—
Each Sanitary District.

TABLE B.

Deaths by Causes.—Sex; Age—
Urban Districts, Rural Districts.

TABLE C.

Statistical Summary of enumerated and estimated population, area, births and deaths, birth rate and death rate, deaths of infants, infantile mortality, deaths from each of principal zymotic diseases, corresponding zymotic death rate, for each Sanitary District.

N.B.—On grounds of national security, the Ministry of Health has desired that certain forms of statistics should not be published during the present war. Accordingly the tables which follow do not give the populations of separate county districts, and in cases where mortality, etc., rates are given for such districts, the figures from which the rates have been compiled are not shown.

TABLE A (Urban i). *

* See Notes at foot of Table C.

† Includes 1 Anthrax.

TABLE A.—(Urban ii). *

CAUSES OF DEATH.	Hyde M.B.		Knntsford U.D.		Longdendale U.D.		Lymm U.D.		Macclesfield M.B.		Marple U.D.		Middlewich U.D.		Nantwich U.D.		Neston U.D.		Northwich U.D.		Runcorn U.D.		Sale M.B.		Sandbach U.D.		Stalybridge M.B.		Wilmslow U.D.		Winsford U.D.		Wirral U.D.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		
ALL CAUSES	216	214	30	38	30	27	29	30	213	251	66	82	33	33	57	55	59	50	114	107	162	135	225	225	43	65	167	181	64	88	75	75	95	80
1 Typhoid and Paratyphoid Fevers ... ..	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
2 Cerebro-Spinal Fever	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	1	1	...	1	...	...	...	...	...	...	...	1	...	
3 Scarlet Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4 Whooping Cough	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2	2	...	...	1	...	...	...	1	...	
5 Diphtheria ... ..	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	3	...	1	...	...	...	2	...	...	...	...	...	...	...
6 Tuberculosis of Respiratory System	9	3	2	...	1	...	1	1	8	5	4	4	1	...	2	2	2	...	4	1	4	5	10	6	2	...	5	4	2	1	2	1	4	1
7 Other forms of Tuberculosis	1	2	1	...	...	1	...	1	1	3	...	1	...	...	...	1	...	...	1	1	...	...	4	1	2	...	...	2	1	...	2	...	...	...
8 Syphilitic Diseases ... ..	...	...	...	...	...	...	...	...	3	1	...	1	...	...	1	...	...	...	1	...	2	...	1	...	...	...	3	1	...	...	...	...	1	...
9 Influeuza	8	6	1	2	2	1	1	...	4	6	2	2	2	3	...	2	...	2	1	2	4	6	5	12	...	1	1	4	...	2	3	6	1	3
10 Measles ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...
11 Ac: polio-myel: & polio-enceph: ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12 Ac: inf: enceph: ... ..	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
13 Cancer of b: cav: & œsoph: (M.) uterine (F.)	3	4	1	...	1	1	2	1	6	6	2	1	...	...	2	1	...	...	2	1	3	4	1	6	...	2	4	5	...	1	2	1	...	1
14 Cancer of stomach & duodenum	13	2	1	...	...	2	1	3	4	12	...	3	...	...	2	...	5	2	9	3	5	1	4	6	1	2	5	2	1	1	2	4	4	3
15 Cancer of breast ... ..	...	2	...	1	...	...	...	...	6	...	4	...	2	...	1	...	1	...	4	...	2	...	6	...	2	...	5	...	1	...	1	...	6	
16 Cancer of all other sites	18	18	4	6	3	2	6	3	23	12	7	7	6	1	6	5	6	4	6	7	17	6	27	18	3	3	17	20	3	9	3	7	17	8
17 Diabetes	3	5	...	1	2	...	...	1	1	5	...	3	...	1	...	1	1	...	...	1	3	...	3	...	...	1	1	...	...	...	1	...	2	
18 Intra-cran: vasc: lesions	25	29	1	2	6	5	3	1	19	35	7	9	...	8	6	11	5	10	13	21	11	12	16	32	3	8	8	21	6	14	7	8	10	14
19 Heart Disease	67	69	5	11	6	7	4	8	50	67	12	24	10	8	19	12	20	18	24	28	39	40	62	49	6	9	35	41	20	28	27	16	30	23
20 Other Diseases of Circulatory System	2	5	...	...	...	...	1	...	6	5	5	2	1	1	...	...	1	1	7	4	9	4	6	6	1	1	2	1	3	1	1	5	2	4
21 Bronchitis	15	12	1	4	1	1	2	...	12	10	7	5	1	3	1	6	2	...	4	1	16	5	23	11	...	5	30	21	3	4	6	4	4	2
22 Pneumonia	16	15	3	1	1	...	2	1	6	6	4	1	1	1	1	2	...	...	6	7	10	7	5	6	2	...	15	7	4	2	1	2	4	3
23 Other Respiratory Diseases	2	1	...	...	...	...	...	...	3	1	...	...	...	...	1	...	2	...	2	1	4	1	3	2	1	2	2	1	...	...	1	...	1	...
24 Ulcer of stomach or duodenum	2	...	...	1	1	...	...	...	1	...	1	...	...	...	1	...	1	...	2	...	1	...	2	1	...	...	2	1	1	...	2	1	...	1
25 Diarrhœa under 2 years	2	1	...	...	...	...	...	...	1	1	...	...	...	...	1	...	...	...	...	...	...	1	1	...	...	...	1	...	...	2	...	1	...	
26 Appendicitis	1	1	...	...	1	...	...	1	3	...	...	...	...	...	1	...	...	...	...	1	3	3	...	3	...	...	1	1	...	...	...	1	...	
27 Other Digestive Diseases	6	5	1	...	1	...	...	...	3	8	1	4	1	...	1	1	3	3	3	1	6	5	8	5	1	...	6	6	2	6	1	4	2	1
28 Nephritis	5	3	...	...	2	1	...	...	10	12	1	2	1	...	3	2	1	...	4	3	1	1	6	5	1	1	2	5	2	4	1	3	3	1
29 Puerperal & post-abortion: Sepsis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	1
30 Other maternal causes ... ..	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	2	...	2	...	...	...	...	...	...	...	...
31 Premature Birth	3	...	...	...	...	...	...	...	7	8	2	...	...	...	...	1	1	2	3	4	2	2	1	3	1	2	1	1	2	...	...	...	2	2
32 Con: mal: birth inj: infant: dis:	2	7	...	3	1	...	...	2	2	3	1	1	2	1	...	1	2	1	...	1	3	1	8	4	1	4	1	4	...	1	2	1	1	4
33 Suicide	2	...	...	...	...	...	...	...	2	...	1	...	...	...	1	...	1	...	2	...	...	...	1	6	1	1	2	2	1	...	...	1	...	...
34 Road Traffic Accident	2	...	4	...	...	...	2	...	1	...	1	...	1	...	2	...	2	...	2	...	1	1	2	2	...	...	1	3	3	1	1	...	1	...
35 Other violent causes	2	4	2	1	...	...	1	4	8	8	3	...	2	...	1	2	1	...	7	2	3	5	4	1	1	1	4	3	...	2	...	1	2	2
36 All other causes	15	18	3	5	1	6	4	3	26	30	5	8	4	3	5	4	3	5	11	12	13	16	23	23	14	19	16	18	10	9	8	7	3	8

STILL BIRTHS—Total	13	10	3	1	...	2	1	1	8	5	3	2	3	3	4	2	2	...	2	13	8	9	12	4	4	4	11	4	1	4	7	1	9	1
Legitimate	13	10	3	1	...	2	1	1	8	5	3	1	3	2	3	2	2	...	1	11	8	9	12	4	4	4	11	4	1	4	6	1	9	1
Illegitimate ... ..	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	...	1	2	...	...	...	...	...	...	...	...	...	1	...	...	...

* See Notes at foot of Table C

TABLE C. *

SANTARY DISTRICTS.	Population at Census, 1931.	Estimated Population in middle of 1943.	Area in Acres 1943	Illegitimate Births.	Still Births.	Total Live Births.	Live Birth rate per 1000	Deaths.	Death- rate per 1000	Deaths from							Deaths from Principal Zymotic Diseases.	Principal Zymotic Diseases Death-rate.	Deaths under one year	Deaths under one year to 1000 Births.	Name of Medical Officer of Health. at 1/9/44
										Small-pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Typhoid and Paratyphoid	Diarrhoea.					
Column Number ...	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
MUNICIPAL BOROUGHES																					
Altrincham ...	29352		3477	34	14		17.2	446			1					3	4			44	*Dr. R. R. Duncan
Bebington ...	31877		12234	41	40		18.1	455				1	2	1		5	9			63	*Dr. D. O. Macdonald
Congleton ...	14666		5587	23	5		16.3	174												26	†Dr. R. B. Davidson
Crewe ...	48321		4386	48	28		19.3	568			1					1	8			39	*Dr. J. Ingram
Dukinfield ...	19385		1725	12	14		18.4	251					2	2		4	8			74	Dr. Gladys Brice
Hyde ...	32313		4170	33	23		17.3	430							1	3	5			54	*Dr. E. W. C. Brown
Macclesfield ...	35552		4640	37	13		14.0	464					1			2	3			55	†Dr. R. Proudfoot
Sale ...	28071		3629	22	16		17.7	450						2	1	1	5			39	†Dr. D. Connolly
Stalybridge ...	24978		3190	19	15		17.0	348					2	1		1	4			46	*Dr. J. Gorman
Total Municipal Boroughs	264516	279220	43038	269	168	4860	17.4	3586	12.8		2	1	13	8	2	20	46	16	236	49	
OTHER URBAN DISTRICTS																					
Alderley Edge ...	3279		699	2	3		12.1	39												26	*Dr. D. G. Andreason
Alsager ...	2852		2241	7	2		19.2	45									1			66	Dr. H. P. Harpur
Bollington ...	5062		1442	3	3		14.1	69								2	2			88	Dr. J. W. Chadwick
Bowdon ...	3341		1090	1			8.1	30								1	1			42	Dr. W. N. W. Kennedy
Bredbury & Romiley ...	11690		4753	9	7		18.0	213			1					2	3			70	†Dr. W. Lee
Cheadle & Gatley ...	18535		5299	23	15		17.3	314					1				1			44	*Dr. D. G. Andreason
Ellemere Port ...	23057		9144	34	18		21.9	276			1		7	1		1	10			71	†Dr. K. C. Kershaw
Hale ...	11011		2264	7	4		14.1	145			1			1		2	4			68	Dr. D. Connolly
Hazel Grove and Bramhall ...	12377		4528	7	5		18.0	218				1	2			1				37	†Dr. E. R. Cooper
Hoole ...	5892		672	13	5		18.6	88												44	*Dr. Mary Russell
Hoylake ...	19745		5934	19	7		14.9	367						1		1	4			38	†Dr. J. B. Yeoman
Knutsford ...	6173		2485	9	4		18.9	68					1				2			56	Dr. E. M. Burrell
Longdendale ...	5145		3545	3	2		14.4	57												16	Dr. C. Kodilinye
Lymm ...	5637		4241	5	2		15.1	59												45	Dr. J. Cullen
Marple ...	11088		7130	5	5		11.5	148												34	†Dr. W. A. Jackson
Middlewich ...	5857		1971	8	6		20.8	66												24	*Dr. W. S. Slater
Nantwich ...	8639		1177	13	6		14.4	112								1	1			41	Dr. K. Knowles
Neston ...	7911		8495	6	2		18.3	109												41	†Dr. J. B. Yeoman
Northwich ...	20827		2146	30	15		18.4	221						1						48	*Dr. W. S. Slater
Runcorn ...	22587		2914	18	17		19.2	397					3			1	4			53	*Dr. E. N. H. Gray
Sandbach ...	8267		3716	5	8		17.3	108						2			2			89	†Dr. E. Heuderson
Wilmslow ...	11956		7694	11	5		14.4	152			1						1			18	*Dr. D. G. Anderson
Winsford ...	11346		7094	13	8		17.0	150			1			1		2	4			22	*Dr. W. S. Slater
Wirral ...	9599		5639	16	10		16.0	185								1	1			42	†Dr. J. B. Yeoman
Total Urban Districts	251873	295980	96313	267	159	5042	17.0	3536	11.9		5	1	14	7		15	42	14	246	49	
RURAL DISTRICTS																					
Bucklow ...	10094		46103	8	5		14.3	120												14	Dr. C. H. Gattie
Chester ...	14518		43677	18	6		18.9	202									3			50	†Dr. Mary Russell
Congleton ...	10876		38704	8	5		15.9	149												47	†Dr. D. J. Walker
Disley ...	2614		2208		1		12.5	30												56	†Dr. G. V. Miller
Macclesfield ...	17675		74142	7	7		12.0	213								1	4			45	†Dr. A. C. Gillies
Nantwich ...	23869		100844	23	19		17.7	305				1		1			2			33	Dr. O. H. Blacklay
Northwich ...	26180		57504	33	11		16.5	310												38	*Dr. W. S. Slater
Runcorn ...	27580		45765	14	13		15.7	371					1	1		3	5			48	*Dr. E. N. H. Gray
Tarvin ...	14388		62593	15	8		18.6	162						1			1			30	†Dr. Mary Russell
Tintwistle ...	1392		11855		1		13.1	24												67	Dr. N. Fenton
Total Rural Districts	149186	165630	483395	126	76	2686	16.2	1886	11.4			1	3	8		4	16	10	108	40	* Whole Time Medical Officers of Health.
Administrative County	665575	740930	622746	662	403	12588	17.0	9008	12.2		7	3	30	23	2	39	104	14	590	47	† Acting during absence of M.O.H. with H.M. Forcees

* N.B.—Non-civilian deaths are excluded.

TABLE A.—(Rural).*

STILLBIRTHS — Total
Legitimate
Illegitimate

* See Notee at foot of Table C.

TABLE B *

CAUSES OF DEATH.	Sex.	AGGREGATE OF URBAN DISTRICTS.												AGGREGATE OF RURAL DISTRICTS.														
		All Ages	0—	1—	5—	15—	45—	65—	All Ages	0—	1—	5—	15—	45—	65—	All Ages	0—	1—	5—	15—	45—	65—	All Ages	0—	1—	5—	15—	45—	65—
ALL CAUSES	M	3497	277	52	...	49	306	...	1004	...	1809	...	1004	59	18	...	12	60	...	...	233	...	622	...	...	...	...	...
	F	3625	205	47	...	36	314	...	828	...	2195	...	...	49	9	...	11	72	...	...	190	...	551	...	...	...	...	...
1. Typhoid and Paratyphoid Fevers	M	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Cerebro-spinal Fever	M	6	3	1	...	1	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	5	1	2	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Scarlet fever	M	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Whooping cough	M	7	7	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...
	F	8	4	4	...	...	...	...	...	...	...	...	...	...	...	6	6	...	...	...	...	...	...	...	...	...	...	...
5. Diphtheria	M	18	...	5	...	11	2	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...
	F	9	1	2	...	4	2	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...
6. Tuberculosis of respiratory system	M	137	...	1	...	...	63	...	60	...	13	...	30	...	...	...	...	...	...	...	17	...	5	...	...	...	...	...
	F	80	...	2	...	...	55	...	19	...	4	...	16	...	...	...	...	...	...	...	3	...	2	...	...	...	...	...
7. Other forms of tuberculosis	M	25	1	8	...	4	6	...	6	...	1	...	10	1	3	...	...	...	1	1	...	3	...	1	...	...	...	...
	F	29	1	3	...	7	13	...	3	...	2	...	12	1	2	...	...	...	2	5	...	2	...	...	...	...	...	...
8. Syphilitic diseases	M	19	2	...	...	2	...	...	13	...	2	...	...	...	...	2	...	...	...	...	1	...	1	...	...	...	...	...
	F	5	...	...	...	2	...	...	2	...	1	...	...	...	...	2	...	...	...	...	1	...	1	...	...	...	...	...
9. Influenza	M	86	2	...	...	2	9	...	32	...	41	...	25	...	...	...	...	...	...	...	8	...	17	...	...	...	...	...
	F	109	4	1	...	1	11	...	21	...	71	...	26	1	...	...	...	...	...	...	4	...	17	...	...	...	...	...
10. Measles	M	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	5	...	3	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Ac: polio-myel: & polio-enceph:	M	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. Ac: inf: enceph:...	M	3	...	...	...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	3	...	1	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. Cancer of buc: cav: & œsoph: (M.) uterus (F.)	M	64	...	...	...	...	1	...	20	...	43	...	15	...	...	...	...	...	...	...	4	...	11	...	...	...	...	...
	F	68	...	...	...	...	10	...	45	...	13	...	8	...	...	...	...	...	...	...	3	...	5	...	...	...	...	...
14. Cancer of stomach and duodenum	M	105	...	...	...	...	4	...	47	...	54	...	28	...	...	...	...	...	...	...	11	...	16	...	...	...	...	...
	F	97	...	...	...	...	2	...	36	...	59	...	15	...	...	...	...	...	...	...	5	...	9	...	...	...	...	...
15. Cancer of breast	M	2	...	...	...	...	...	...	2	...	...	...	2	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...
	F	113	...	...	...	...	11	...	55	...	47	...	36	...	...	...	...	...	...	...	20	...	13	...	...	...	...	...
16. Cancer of all other sites...	M	365	...	2	...	...	23	...	140	...	200	...	82	...	...	...	...	...	...	...	31	...	45	...	...	...	...	...
	F	290	...	1	...	1	14	...	129	...	145	...	62	...	...	...	...	...	...	...	18	...	39	...	...	...	...	...
17. Diabetes	M	18	...	...	...	...	2	...	6	...	10	...	8	...	...	...	...	...	...	...	2	...	4	...	...	...	...	...
	F	47	...	...	...	...	6	...	14	...	27	...	12	...	...	...	...	...	...	...	6	...	6	...	...	...	...	...
18. Intra-cranial vascular lesions	M	298	...	...	...	...	8	...	72	...	218	...	105	1	1	...	...	...	...	...	17	...	82	...	...	...	...	...
	F	468	...	...	...	...	12	...	104	...	342	...	103	...	...	...	...	...	...	...	23	...	77	...	...	...	...	...
19. Heart disease	M	900	...	...	...	...	31	...	257	...	612	...	293	...	...	...	...	...	...	...	67	...	227	...	...	...	...	...
	F	946	1	...	...	1	37	...	172	...	735	...	269	...	...	...	...	...	...	...	39	...	219	...	...	...	...	...
20. Other diseases of circulatory system	M	93	1	...	...	1	1	...	17	...	73	...	25	...	...	...	...	...	...	...	4	...	21	...	...	...	...	...
	F	94	...	...	...	...	4	...	14	...	76	...	28	...	...	...	...	...	...	...	5	...	22	...	...	...	...	...
21. Bronchitis	M	245	12	3	...	...	11	...	80	...	139	...	57	2	1	...	...	...	...	...	9	...	40	...	...	...	...	...
	F	188	1	1	...	...	6	...	24	...	156	...	26	1	...	...	...	...	...	...	3	...	20	...	...	...	...	...
22. Pneumonia	M	157	50	8	...	1	15	...	37	...	46	...	44	8	2	...	...	...	...	...	9	...	21	...	...	...	...	...
	F	147	35	10	...	...	13	...	27	...	62	...	25	7	1	...	...	...	...	...	2	...	14	...	...	...	...	...
23. Other respiratory diseases	M	49	2	1	...	3	3	...	21	...	19	...	8	...	...	...	...	...	...	...	1	...	6	...	...	...	...	...
	F	39	...	...	...	...	4	...	10	...	25	...	5	...	...	...	...	...	...	...	2	...	3	...	...	...	...	...
24. Ulcer of stomach or duodenum	M	41	...	...	...	...	6	...	26	...	9	...	8	...	...	...	...	...	...	...	3	...	5	...	...	...	...	...
	F	7	...	...	...	...	1	...	4	...	2	...	3	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...
25. Diarrhoea under 2 years	M	24	24	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	11	11	...	...	...	...	...	...	...	...	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26. Appendicitis	M	22	...	3	...	3	7	...	6	...	3	...	2	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...
	F	15	...	1	...	...	6	...	4	...	4	...	6	...	...	...	...	...	...	...	1	...	3	...	...	...	...	...
27. Other digestive diseases	M	83	2	1	...	6	14	...	25	...	35	...	23	...	1	...	...	...	...	...	5	...	14	...	...	...	...	...
	F	101	1	7	...	2	10	...	27	...	54	...	21	...	1	...	...	...	...	...	8	...	11	...	...	...	...	...
28. Nephritis	M	92	...	...	...	...	14	...	29	...	49	...	27	...	...	...	...	...	...	...	10	...	15	...	...	...	...	...
	F	96	...	...	...	2	12	...	30	...	52	...	31	...	...	...	...	...	...	...	8	...	22	...	...	...	...	...
29. Puerperal & post-abort: eepsis	F	6	...	...	...	...	6	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30. Other maternal causes	F	16	...	...	...	...	15	...	1	...	...	...	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31. Premature birth	M	72	...	...	...	...	...	...	...	...	...	...	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	57	72	...	...	...	...	...	...	...	...	...	19	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32. Con: mal: birth inj: infant: dis:	M	80	73	2	...	...	5	...	...	...	...	...	23	13	3	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	75	70	2	...	2	...	...	1	...	...	...	9	6	1	...	...	...	...	...	1	...	...	...	...	...	...	...
33. Suicide	M	25	...	...	...	...	4	...	11	...	10	...	11	...	...	...	...	...	...	...	5	...	2	...	...	...	...	...
	F	20	...	...	...	...	5	...	7	...	8	...	7	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...
34. Road traffic accident	M	44	...	2	...	2	13	...	14	...	13	...	11	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	17	...	1	...	7	3	...	2	...	4	...	3	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
35. Other violent causes	M	86	14	3	...	10	21	...	21	...	17	...	23	2	5	...	...	...	...	...	7	...	4	...	...	...	...	...
	F	68	10	5	...	2	5	...	6	...	40	...	18	2	3	...	...	...	...	...	1	...	11	...	...	...	...	...
36. All other causes	M	327	12	9	...	5	41	...	59*	...	201	...	116	8	1	...	...	...	...	...	17	...	77	...	...	...	...	...
	F	393	8	1</																								

